Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019563.D
Acq On : 23 Nov 2020 20:09
Operator : JC/MD
Sample : L4798-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Quant Time: Nov 24 00:34:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 270585 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 465332 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 412185 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 201882 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 172915 | 49.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 98.58% | | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 142226 | 48.69 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 97.38% | | | | |
| 50) Toluene-d8 | 8.70 | 98 | 527974 | 46.52 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 93.04% | | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 201646 | 49.38 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 98.76% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 232628 | 88.408 | ug/l | | 99 |
| 3) Chloromethane | 1.31 | 50 | 131298 | 43.484 | ug/l | | 100 |
| 4) Vinyl Chloride | 1.39 | 62 | 526376 | 161.942 | ug/l | | 100 |
| 5) Bromomethane | 1.62 | 94 | 53499 | 43.454 | ug/l | | 99 |
| 6) Chloroethane | 1.69 | 64 | 36035 | 45.092 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 1.89 | 101 | 236364 | 50.383 | ug/l | | 100 |
| 8) Diethyl Ether | 2.17 | 74 | 97769 | 52.036 | ug/l | | 93 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.35 | 101 | 224645 | 85.831 | ug/l | | 99 |
| 10) Methyl Iodide | 2.48 | 142 | 169167 | 49.200 | ug/l | | 100 |
| 11) Tert butyl alcohol | 3.06 | 59 | 180472 | 271.812 | ug/l | | 100 |
| 12) 1,1-Dichloroethene | 2.34 | 96 | 168394 | 62.685 | ug/l | | 97 |
| 13) Acrolein | 2.28 | 56 | 100925 | 226.132 | ug/l | | 100 |
| 14) Allyl chloride | 2.70 | 41 | 206567 | 49.085 | ug/l | | 99 |
| 15) Acrylonitrile | 3.12 | 53 | 404936 | 258.605 | ug/l | | 100 |
| 16) Acetone | 2.43 | 43 | 320026 | 235.877 | ug/l | | 100 |
| 17) Carbon Disulfide | 2.54 | 76 | 338493 | 46.903 | ug/l | | 99 |
| 18) Methyl Acetate | 2.75 | 43 | 162488 | 48.860 | ug/l | | 99 |
| 19) Methyl tert-butyl Ether | 3.17 | 73 | 500874 | 54.016 | ug/l | | 99 |
| 20) Methylene Chloride | 2.83 | 84 | 160345 | 47.285 | ug/l | | 96 |
| 21) trans-1,2-Dichloroethene | 3.14 | 96 | 177146 | 58.202 | ug/l | | 98 |
| 22) Diisopropyl ether | 3.83 | 45 | 441108 | 50.668 | ug/l | | 92 |
| 23) Vinyl Acetate | 3.79 | 43 | 1823822 | 249.759 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 3.67 | 63 | 273818 | 51.422 | ug/l | | 99 |
| 25) 2-Butanone | 4.65 | 43 | 506147 | 248.343 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 4.55 | 77 | 206856 | 44.505 | ug/l | # | 1 |
| 27) cis-1,2-Dichloroethene | 4.56 | 96 | 6259667 | 1790.444 | ug/l | | 88 |
| 28) Bromochloromethane | 4.98 | 49 | 110858 | 43.544 | ug/l | | 95 |
| 29) Tetrahydrofuran | 5.10 | 42 | 329302 | 253.231 | ug/l | | 97 |
| 30) Chloroform | 5.17 | 83 | 287899 | 51.706 | ug/l | | 98 |
| 31) Cyclohexane | 5.54 | 56 | 222367 | 48.732 | ug/l | | 97 |
| 32) 1,1,1-Trichloroethane | 5.46 | 97 | 251635 | 52.611 | ug/l | | 100 |
| 36) 1,1-Dichloropropene | 5.76 | 75 | 209788 | 48.089 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.80 | 43 | 191573 | 46.777 | ug/l | # | 78 |
| 38) Carbon Tetrachloride | 5.75 | 117 | 213552 | 50.574 | ug/l | | 100 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019563.D
Acq On : 23 Nov 2020 20:09
Operator : JC/MD
Sample : L4798-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Quant Time: Nov 24 00:34:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.44 | 83 | 229426 | 45.167 ug/l | 99 |
| 40) Benzene | 6.11 | 78 | 639903 | 47.741 ug/l | 100 |
| 41) Methacrylonitrile | 5.01 | 41 | 109425 | 48.452 ug/l | 98 |
| 42) 1,2-Dichloroethane | 6.16 | 62 | 225384 | 49.058 ug/l | 99 |
| 43) Isopropyl Acetate | 6.42 | 43 | 326148 | 47.374 ug/l | 99 |
| 44) Trichloroethene | 7.21 | 130 | 24194502 | 6891.126 ug/l | 97 |
| 45) 1,2-Dichloropropane | 7.49 | 63 | 154048 | 46.685 ug/l | 99 |
| 46) Dibromomethane | 7.63 | 93 | 111756 | 49.484 ug/l | 99 |
| 47) Bromodichloromethane | 7.87 | 83 | 221876 | 50.629 ug/l | 98 |
| 48) Methyl methacrylate | 7.74 | 41 | 162869 | 50.515 ug/l | 98 |
| 49) 1,4-Dioxane | 7.72 | 88 | 79727 | 1089.070 ug/l | 96 |
| 51) 4-Methyl-2-Pentanone | 8.62 | 43 | 1008522 | 251.216 ug/l | 98 |
| 52) Toluene | 8.76 | 92 | 398279 | 48.572 ug/l | 98 |
| 53) t-1,3-Dichloropropene | 9.02 | 75 | 241124 | 50.946 ug/l | 100 |
| 54) cis-1,3-Dichloropropene | 8.42 | 75 | 257838 | 49.090 ug/l | 99 |
| 55) 1,1,2-Trichloroethane | 9.20 | 97 | 162033 | 48.521 ug/l | 97 |
| 56) Ethyl methacrylate | 9.16 | 69 | 245826 | 52.023 ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.35 | 76 | 272526 | 48.744 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.23 | 63 | 632 | 0.228 ug/l # | 45 |
| 59) 2-Hexanone | 9.48 | 43 | 780029 | 256.189 ug/l | 98 |
| 60) Dibromochloromethane | 9.57 | 129 | 169495 | 51.818 ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.65 | 107 | 174288 | 50.632 ug/l | 99 |
| 64) Tetrachloroethene | 9.32 | 164 | 173367 | 53.509 ug/l | 98 |
| 65) Chlorobenzene | 10.12 | 112 | 420657 | 49.637 ug/l | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 155665 | 50.499 ug/l | 99 |
| 67) Ethyl Benzene | 10.23 | 91 | 744672 | 50.159 ug/l | 98 |
| 68) m/p-Xylenes | 10.34 | 106 | 554846 | 100.313 ug/l | 100 |
| 69) o-Xylene | 10.68 | 106 | 270469 | 51.154 ug/l | 100 |
| 70) Styrene | 10.70 | 104 | 466107 | 47.702 ug/l | 99 |
| 71) Bromoform | 10.84 | 173 | 127174 | 48.795 ug/l | 98 |
| 73) Isopropylbenzene | 11.00 | 105 | 719938 | 51.550 ug/l | 99 |
| 74) N-amyl acetate | 10.88 | 43 | 273611 | 52.284 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 260343 | 52.128 ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.28 | 75 | 290638 | 65.968 ug/l | 87 |
| 77) Bromobenzene | 11.24 | 156 | 183962 | 51.599 ug/l | 99 |
| 78) n-propylbenzene | 11.34 | 91 | 813895 | 50.801 ug/l | 100 |
| 79) 2-Chlorotoluene | 11.40 | 91 | 499808 | 51.440 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.49 | 105 | 608891 | 51.973 ug/l | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75 | 80417 | 49.359 ug/l | 99 |
| 82) 4-Chlorotoluene | 11.49 | 91 | 587475 | 51.361 ug/l | 100 |
| 83) tert-Butylbenzene | 11.76 | 119 | 601308 | 53.052 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 620764 | 52.368 ug/l | 99 |
| 85) sec-Butylbenzene | 11.93 | 105 | 677735 | 50.262 ug/l | 100 |
| 86) p-Isopropyltoluene | 12.05 | 119 | 620593 | 50.692 ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 12.01 | 146 | 334128 | 51.031 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.08 | 146 | 340402 | 50.472 ug/l | 99 |
| 89) n-Butylbenzene | 12.37 | 91 | 536569 | 48.481 ug/l | 99 |
| 90) Hexachloroethane | 12.58 | 117 | 107575 | 52.513 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 12.38 | 146 | 332080 | 50.498 ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 57261 | 56.200 ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019563.D
Acq On : 23 Nov 2020 20:09
Operator : JC/MD
Sample : L4798-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Quant Time: Nov 24 00:34:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180 | 216645 | 51.314 | ug/l | 98 |
| 94) Hexachlorobutadiene | 13.76 | 225 | 83384 | 43.355 | ug/l | 100 |
| 95) Naphthalene | 13.82 | 128 | 753266 | 50.560 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180 | 215359 | 50.996 | ug/l | 99 |

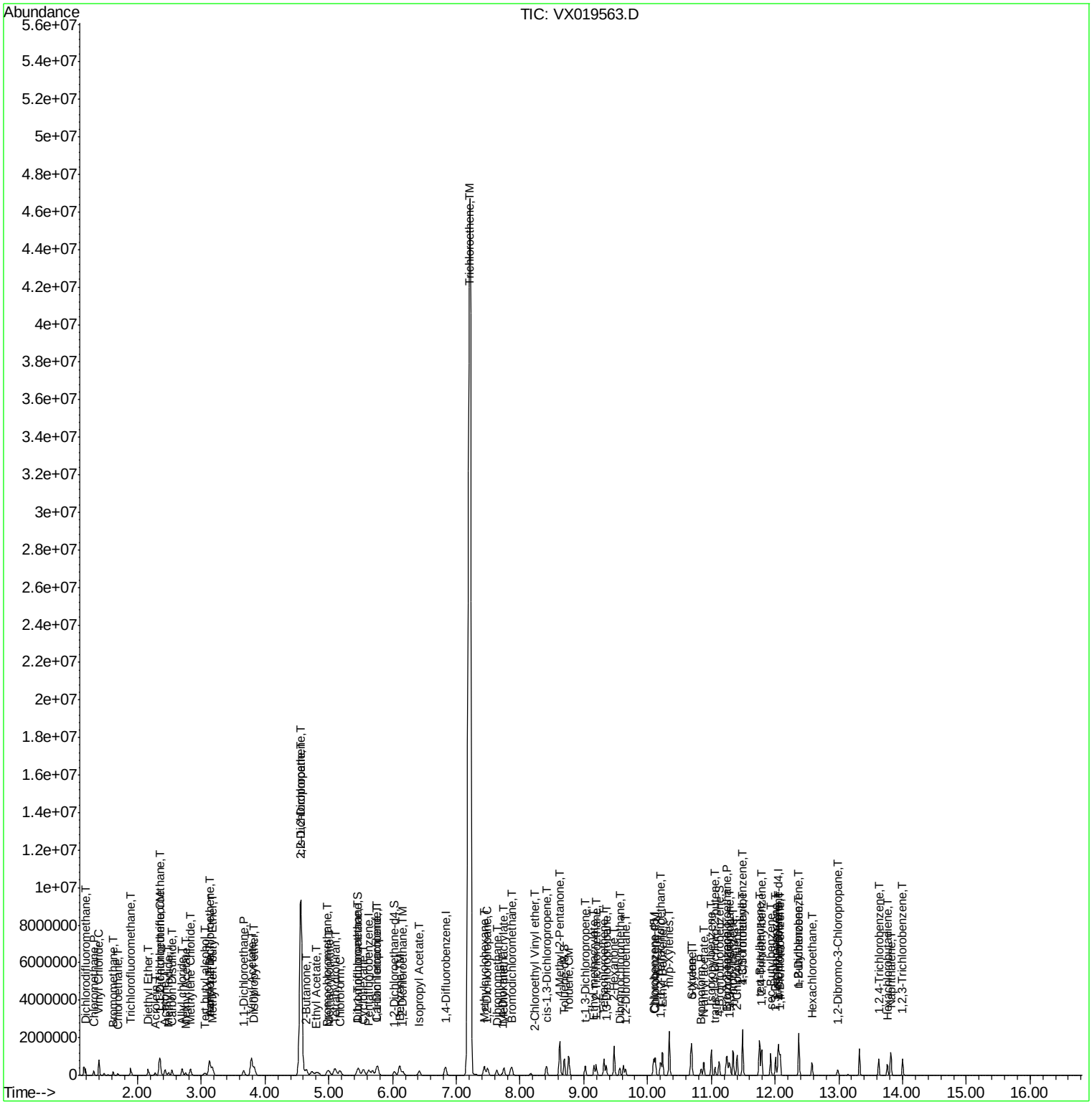
(#) = qualifier out of range (m) = manual integration (+) = signals summed

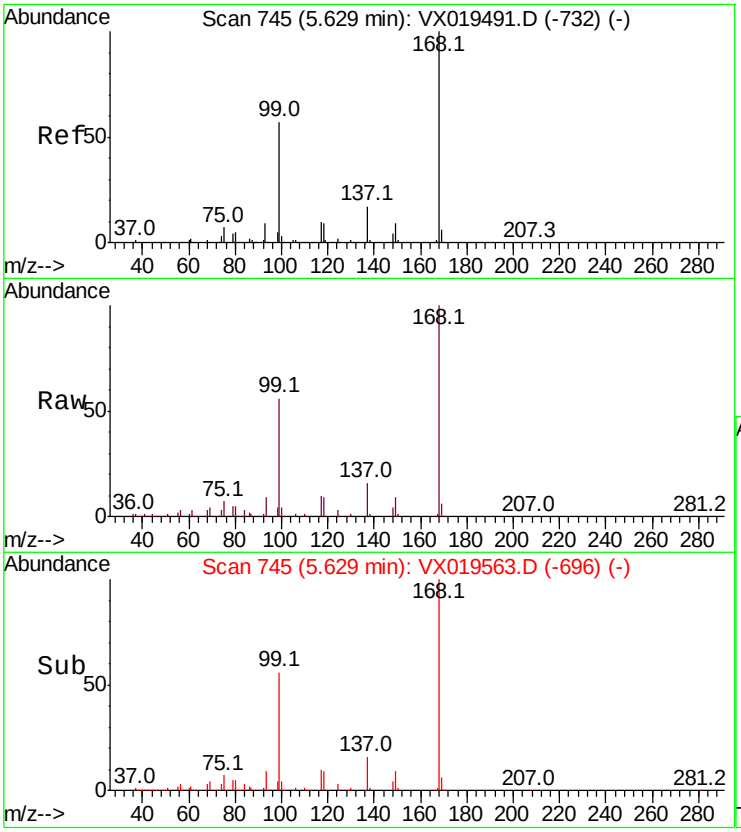
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019563.D
Acq On : 23 Nov 2020 20:09
Operator : JC/MD
Sample : L4798-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Quant Time: Nov 24 00:34:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



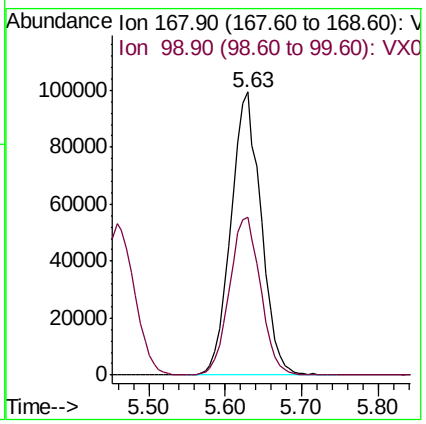


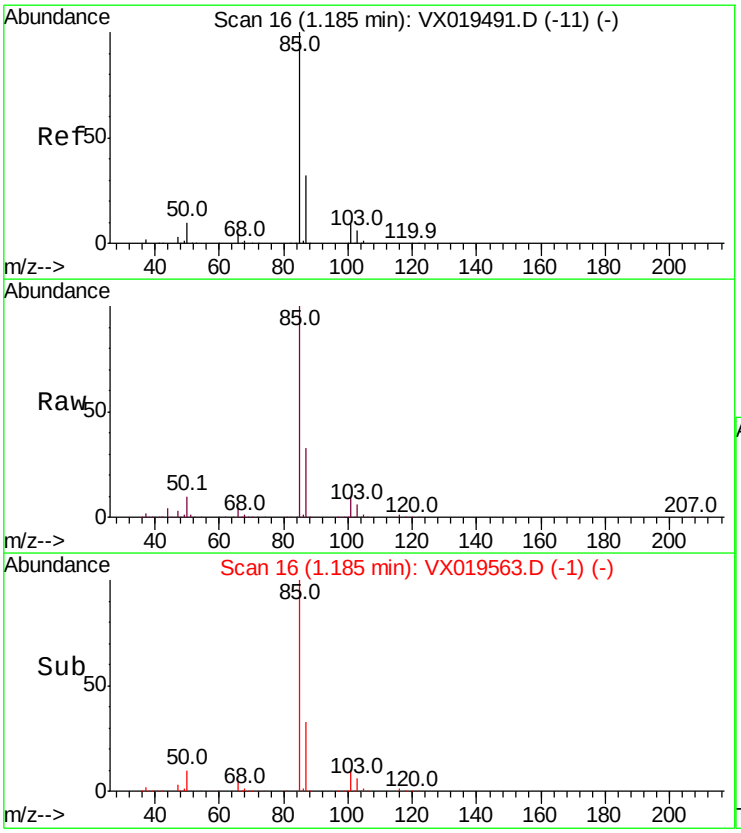

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:168 Resp: 270585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.9 | 45.8 | 68.6 |

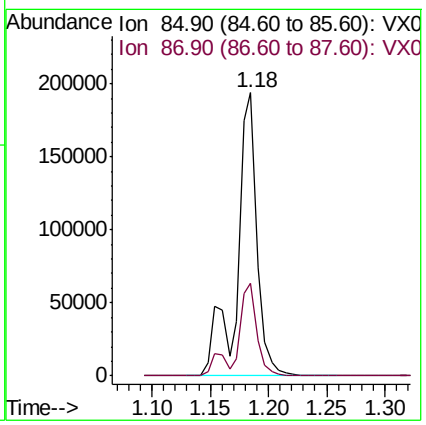


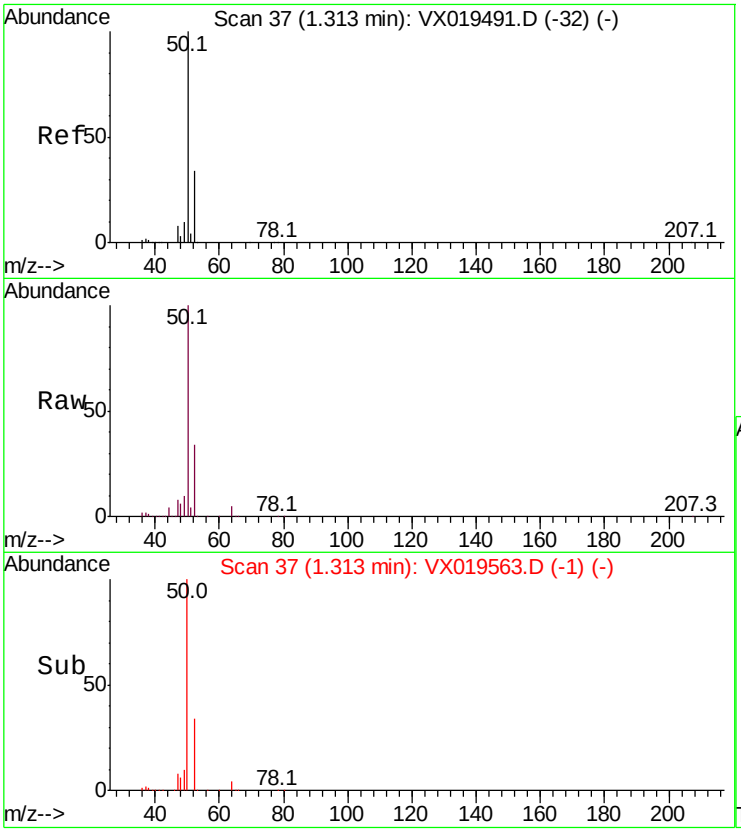




#2
Dichlorodifluoromethane
Concen: 88.408 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 85 Resp: 232628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.7 | 16.0 | 47.9 |



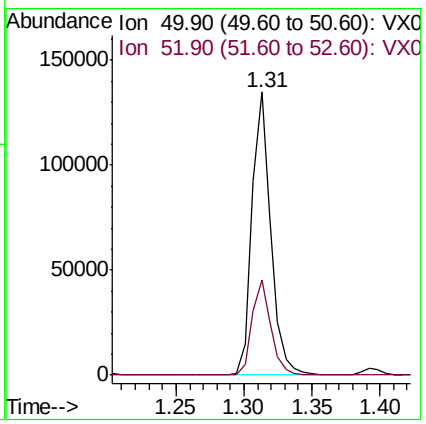


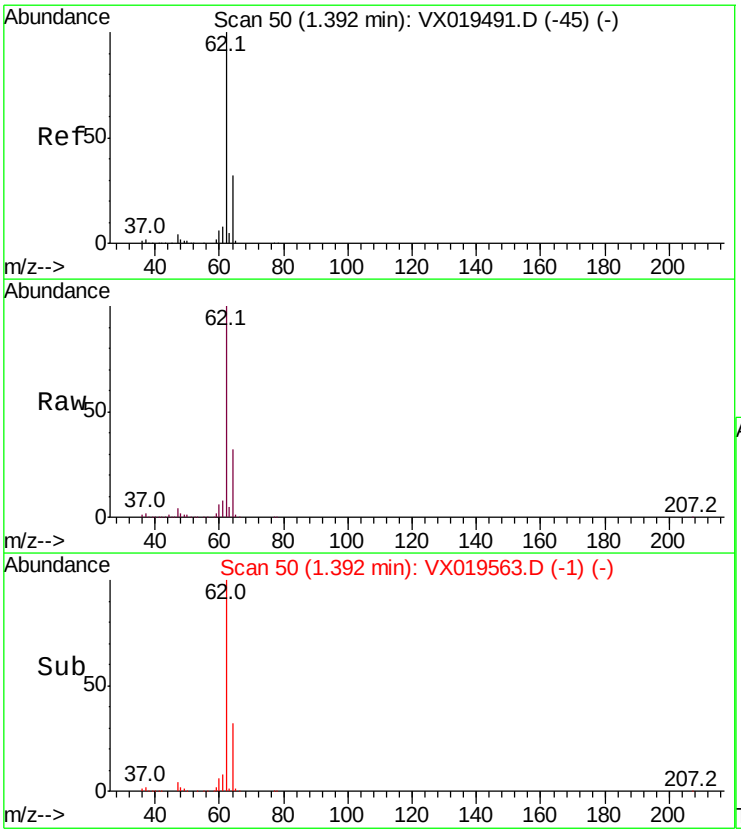

#3
Chloromethane
Concen: 43.484 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 50 Resp: 131298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.8 | 27.0 | 40.6 |

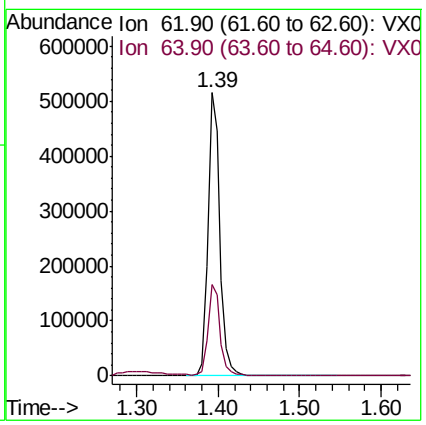


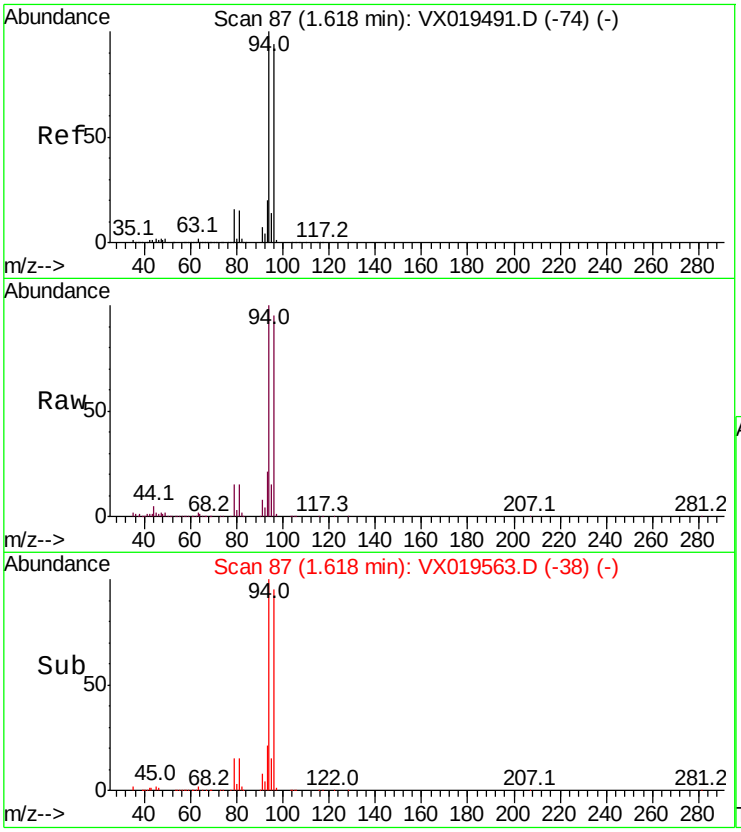




#4
Vinyl Chloride
Concen: 161.942 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 62 Resp: 526376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.0 | 25.4 | 38.2 |



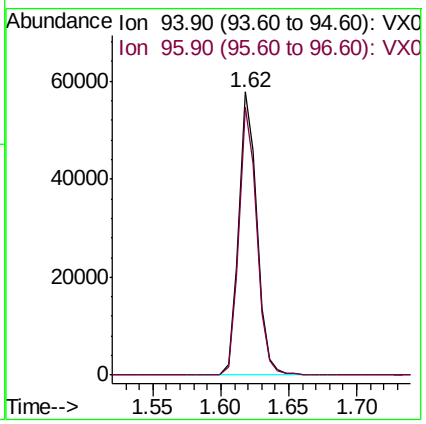


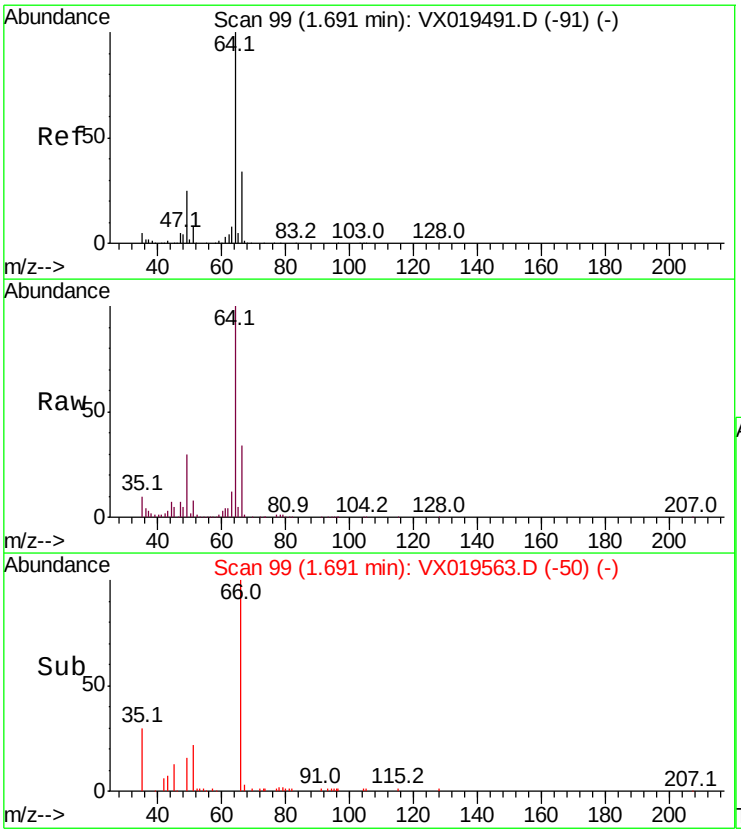

#5
Bromomethane
Concen: 43.454 ug/l
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 94 Resp: 53499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.0 | 75.6 | 113.4 |

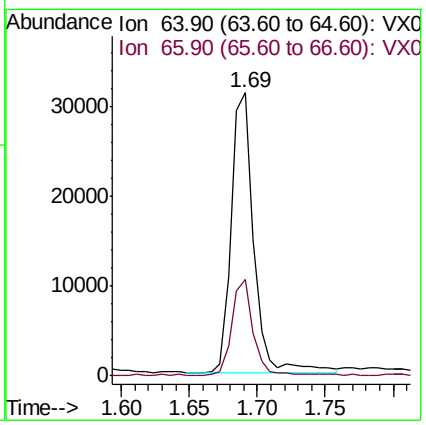


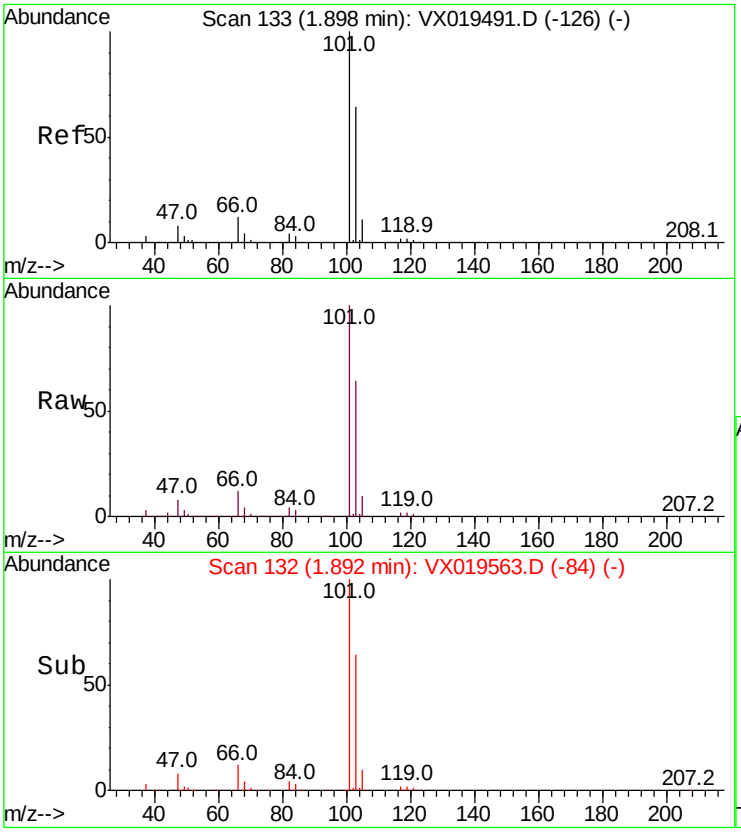




#6
Chloroethane
Concen: 45.092 ug/l
RT: 1.69 min Scan# 99
Delta R.T. 0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 64 Resp: 36035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.1 | 27.1 | 40.7 |



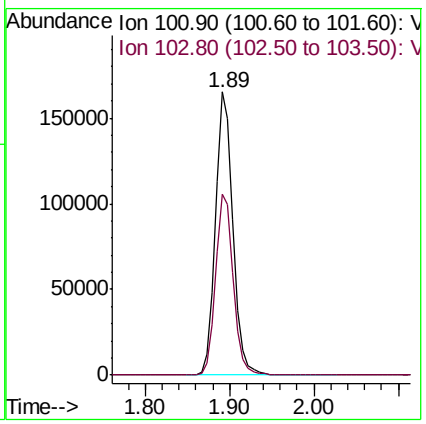


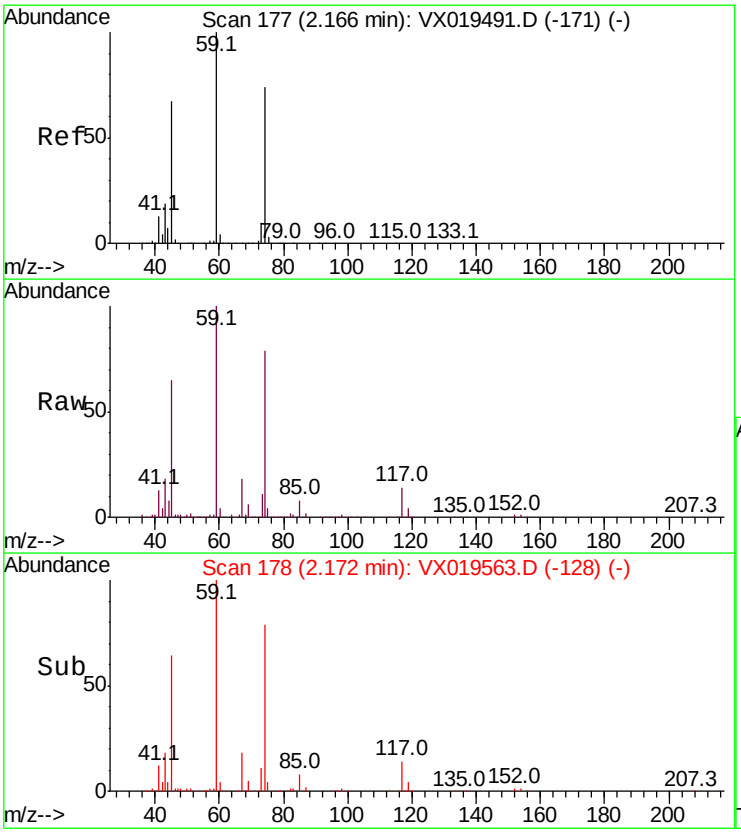

#7
Trichlorofluoromethane
Concen: 50.383 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:101 Resp: 236364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.7 | 50.9 | 76.3 |

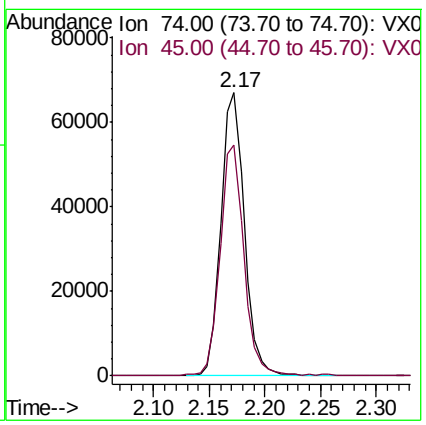


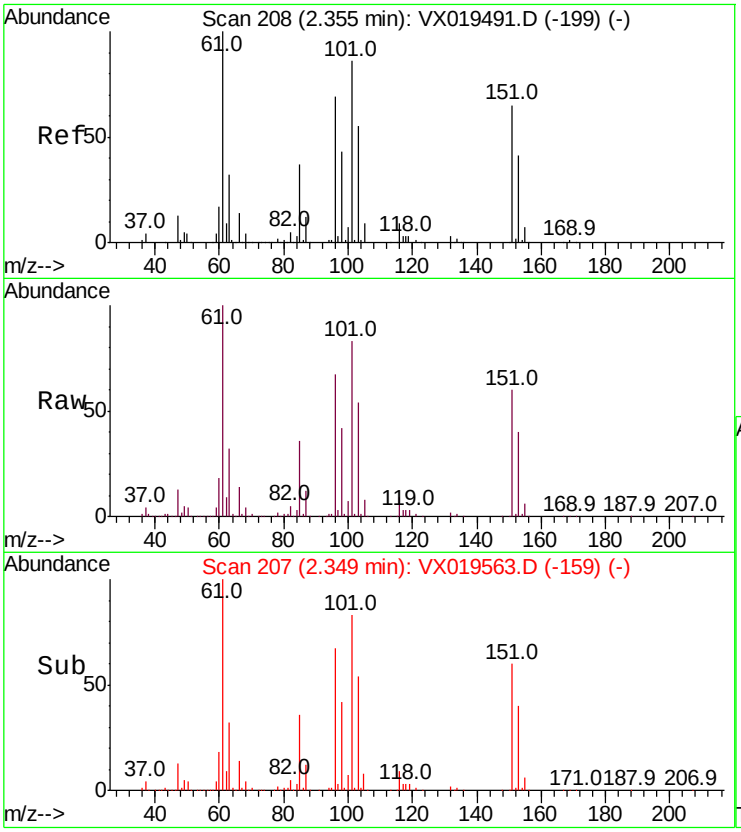




#8
Diethyl Ether
Concen: 52.036 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 74 Resp: 97769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 82.1 | 44.4 | 133.2 |



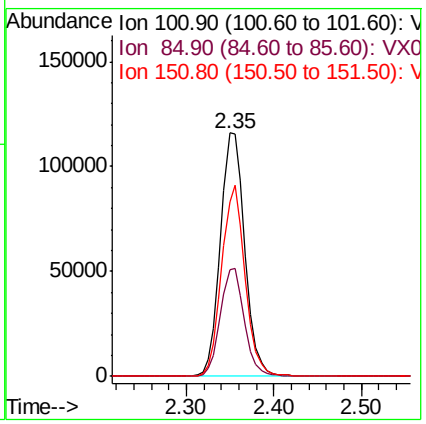


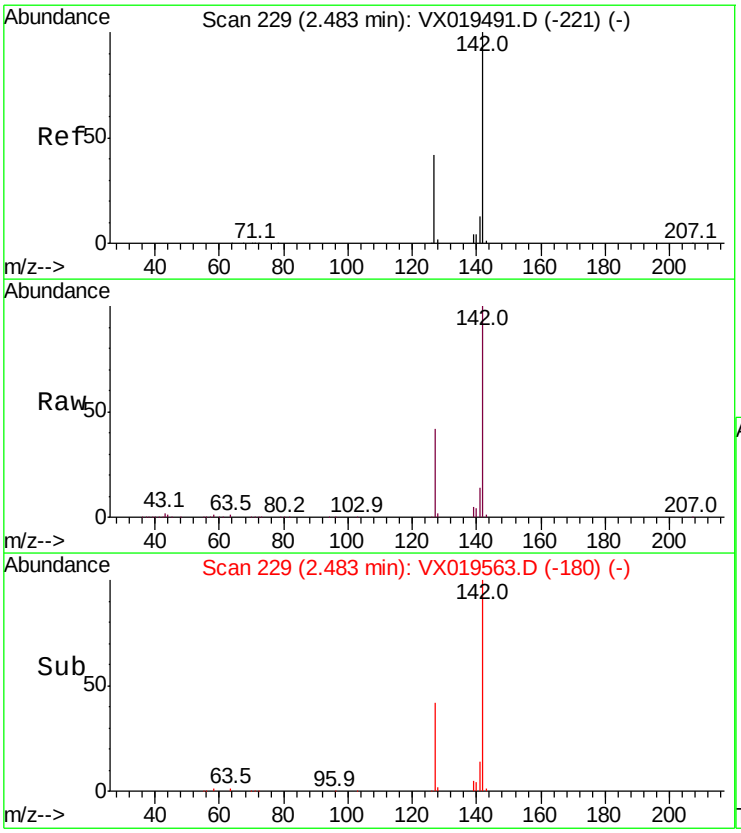

#9
1,1,2-Trichlorotrifluoroethane
Concen: 85.831 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:101 Resp: 224645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.5 | 33.9 | 50.9 |
| 151 | 75.2 | 60.9 | 91.3 |

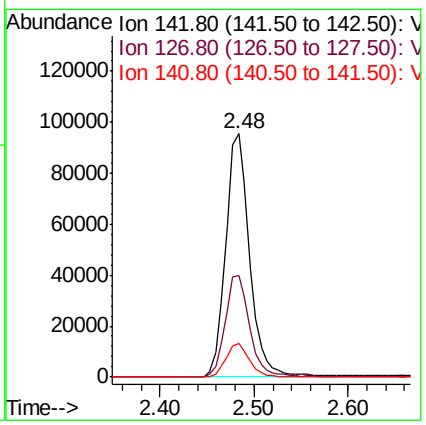


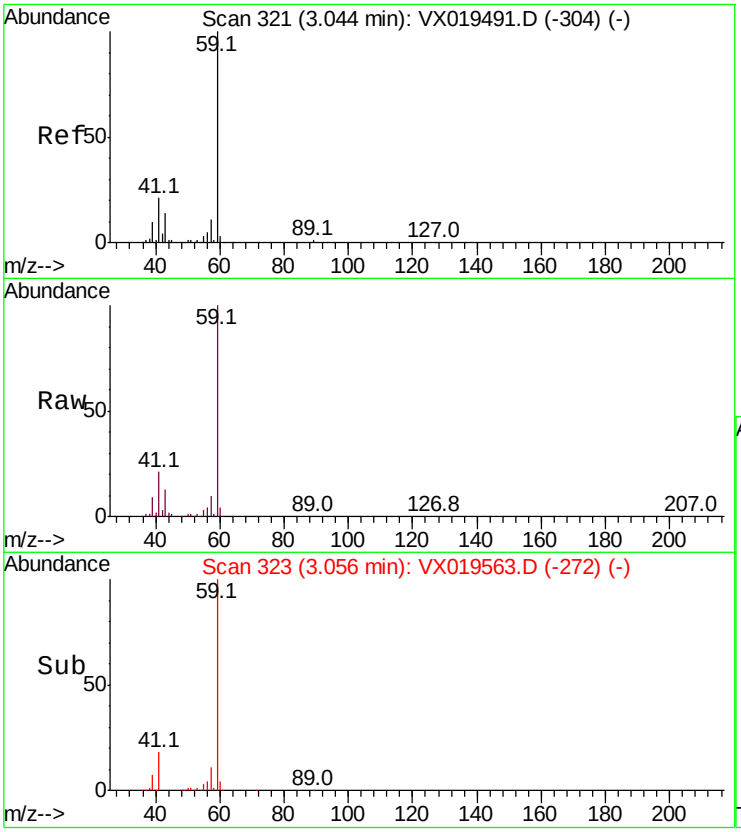




#10
Methyl Iodide
Concen: 49.200 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:142 Resp: 169167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.2 | 33.8 | 50.6 |
| 141 | 13.7 | 11.0 | 16.6 |



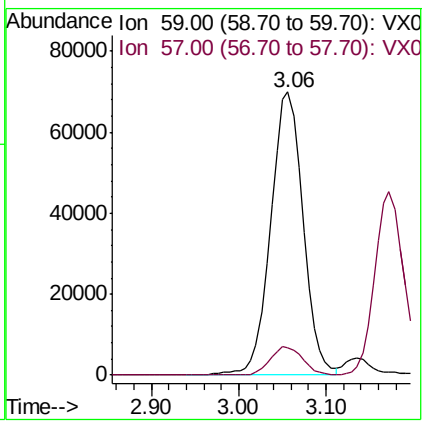


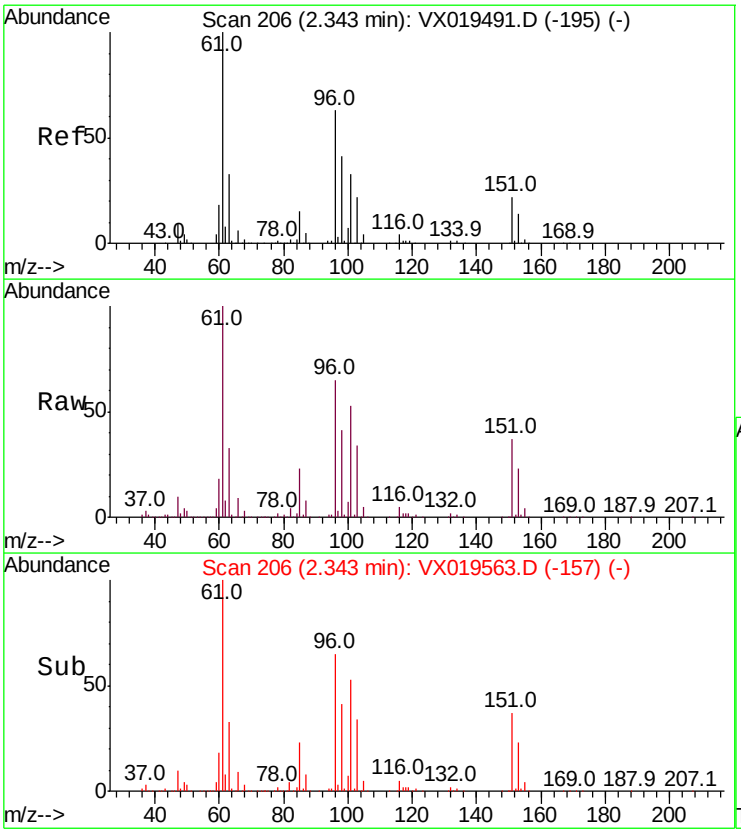

#11
Tert butyl alcohol
Concen: 271.812 ug/l
RT: 3.06 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 59 Resp: 180472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 7.9 | 11.9 |

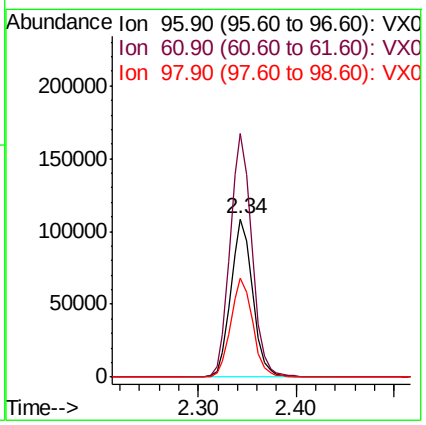


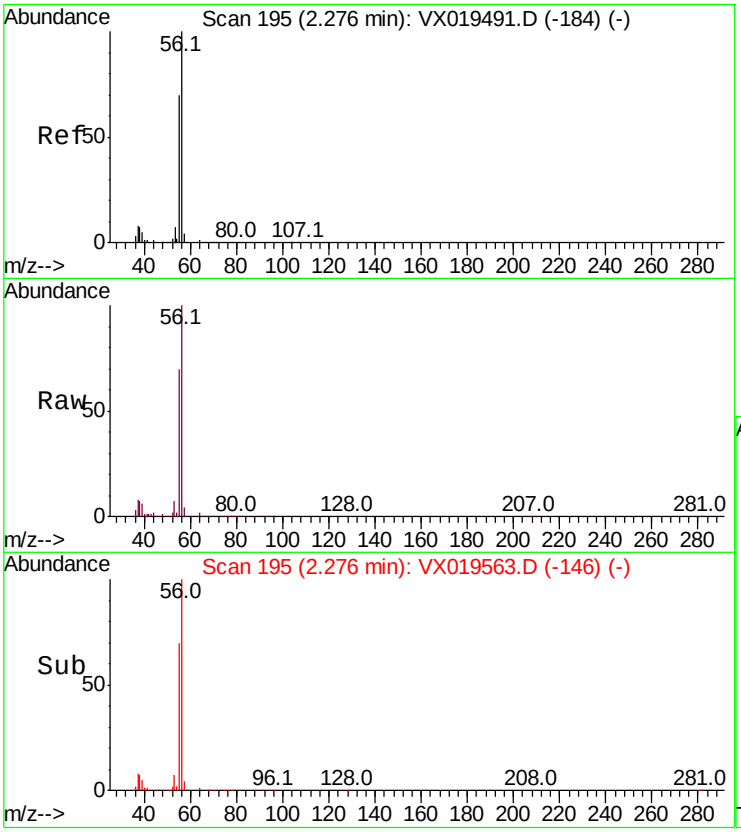




#12
1,1-Dichloroethene
Concen: 62.685 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 96 Resp: 168394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.2 | 126.0 | 189.0 |
| 98 | 62.5 | 52.0 | 78.0 |



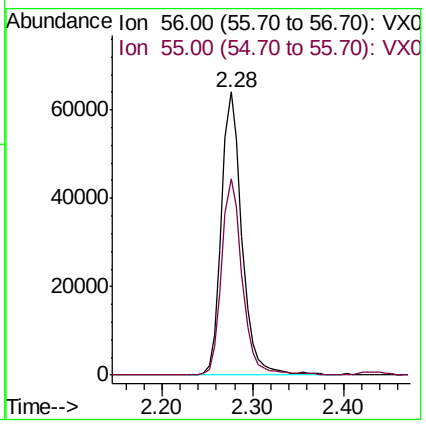


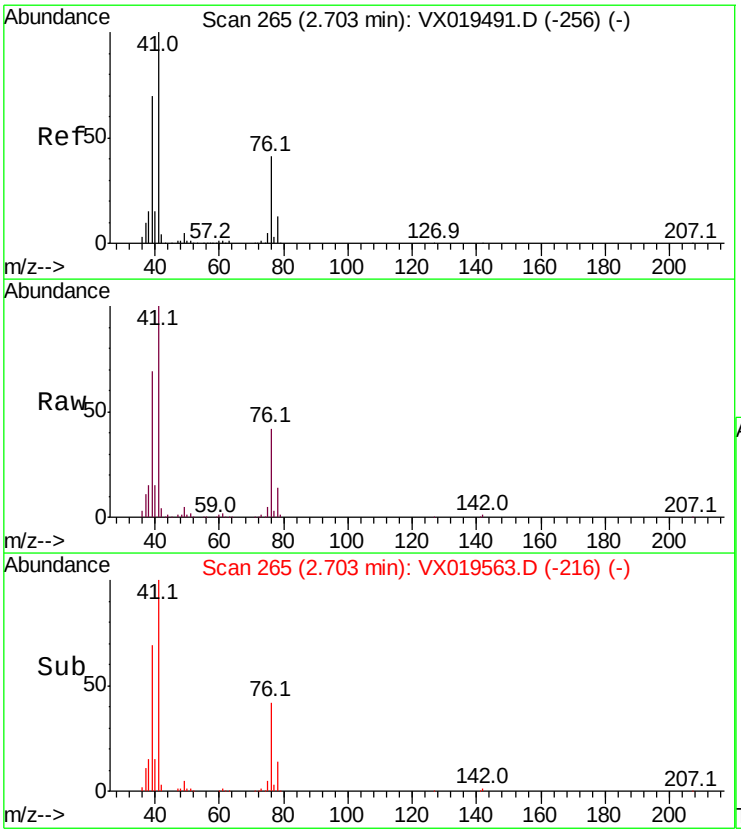

#13
Acrolein
Concen: 226.132 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 56 Resp: 100925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.4 | 55.5 | 83.3 |

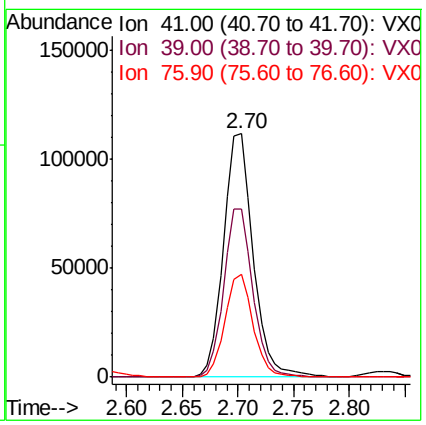


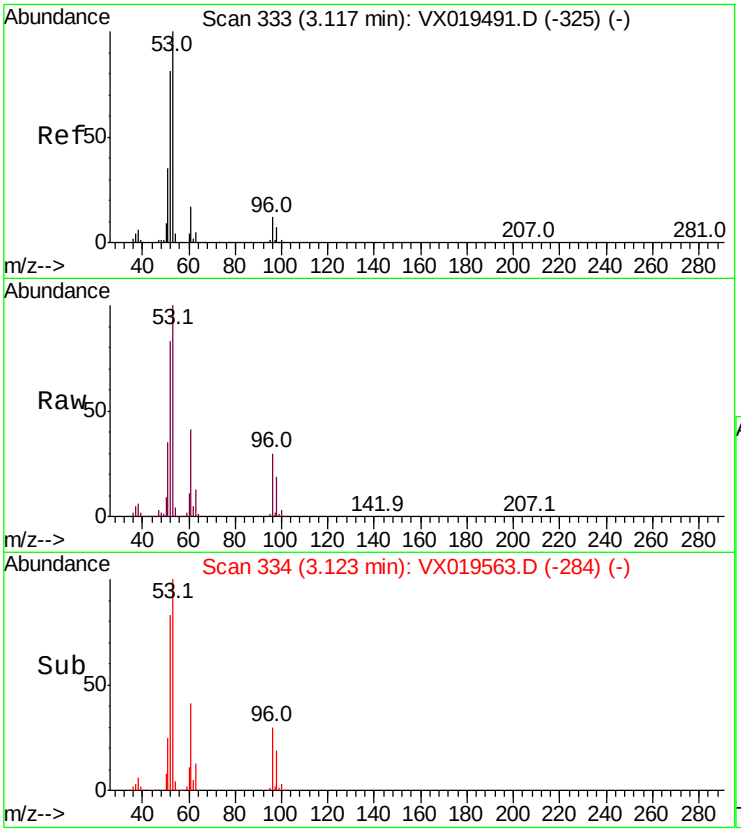




#14
Allyl chloride
Concen: 49.085 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 41 Resp: 206567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.1 | 53.0 | 79.4 |
| 76 | 40.1 | 31.0 | 46.6 |



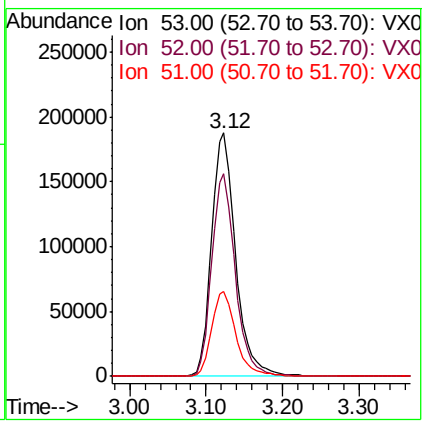


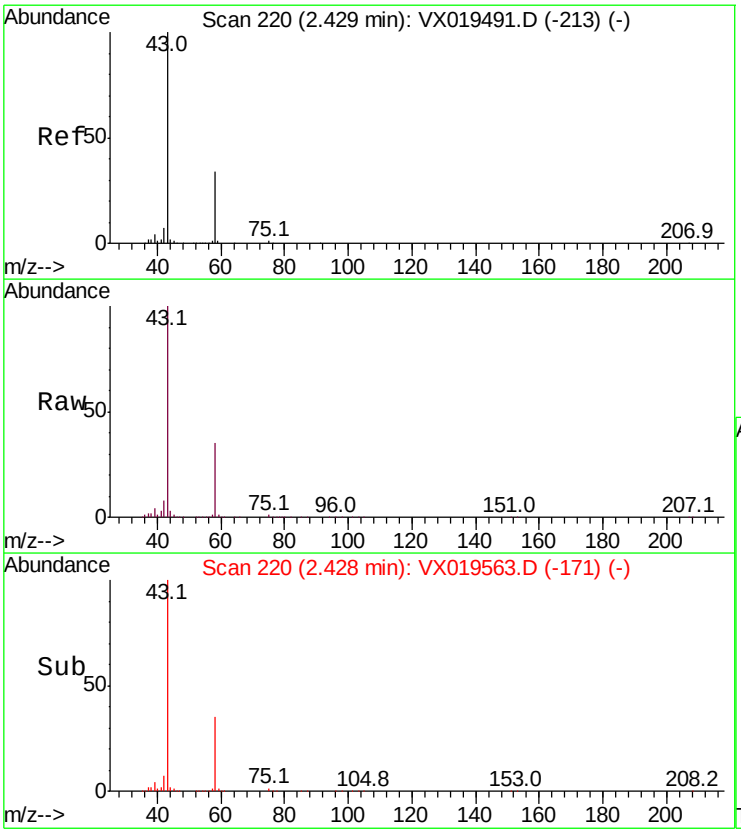

#15
Acrylonitrile
Concen: 258.605 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 53 Resp: 404936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.2 | 66.2 | 99.2 |
| 51 | 35.3 | 28.5 | 42.7 |

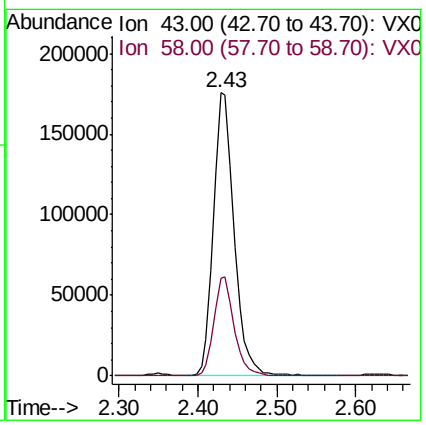


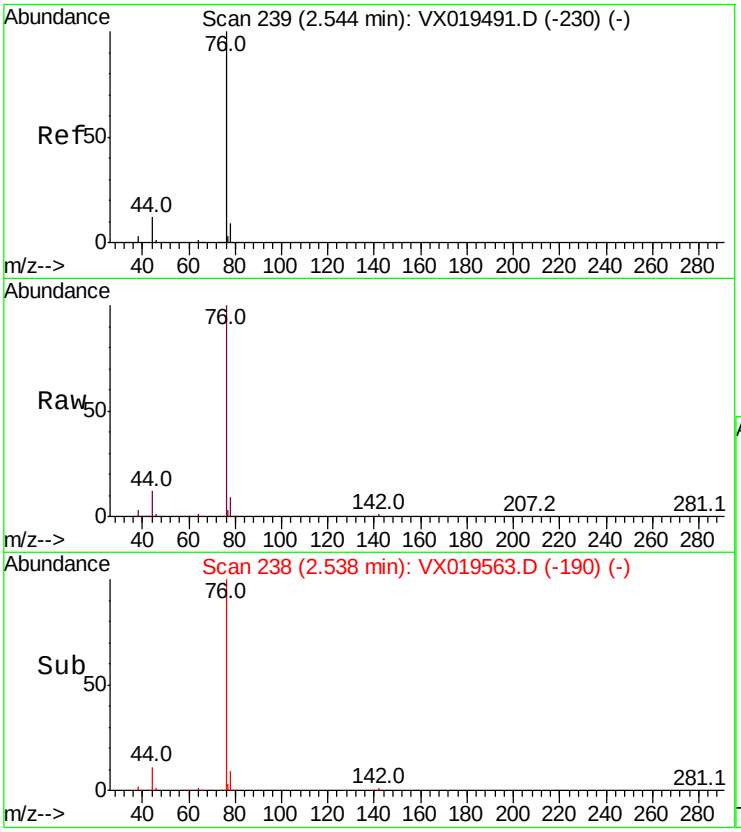




#16
Acetone
Concen: 235.877 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 43 Resp: 320026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.6 | 27.4 | 41.2 |



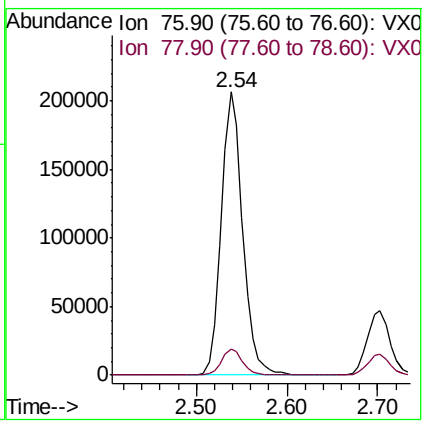


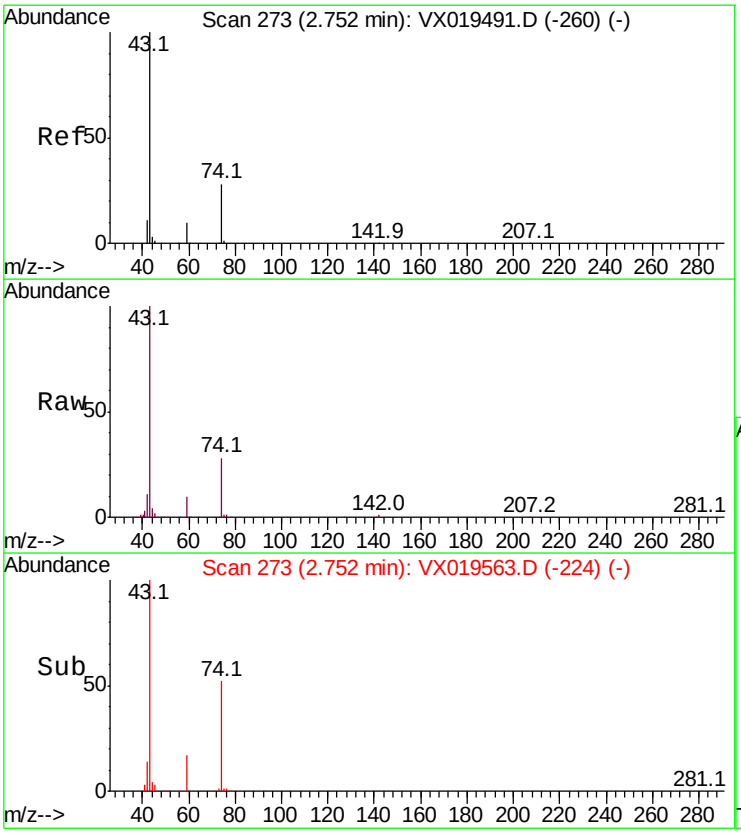

#17
Carbon Disulfide
Concen: 46.903 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 76 Resp: 338493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.2 | 7.2 | 10.8 |

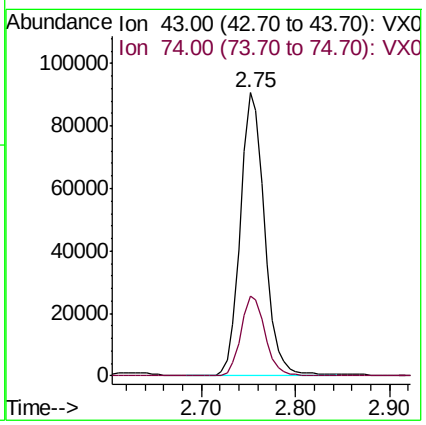


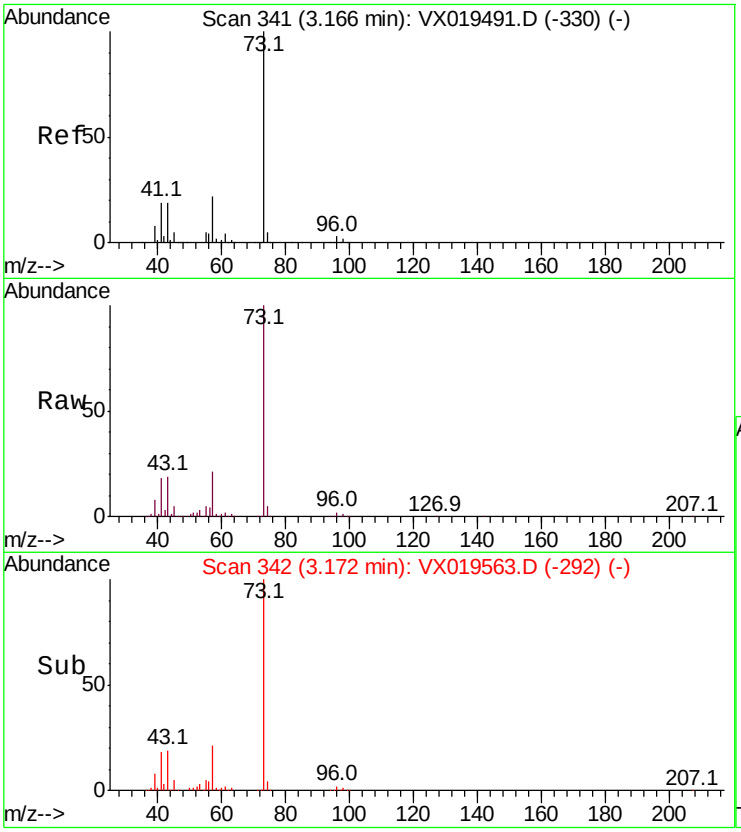




#18
Methyl Acetate
Concen: 48.860 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 43 Resp: 162488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 28.4 | 22.2 | 33.4 |



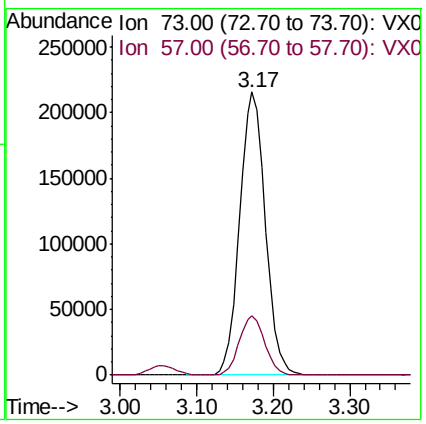


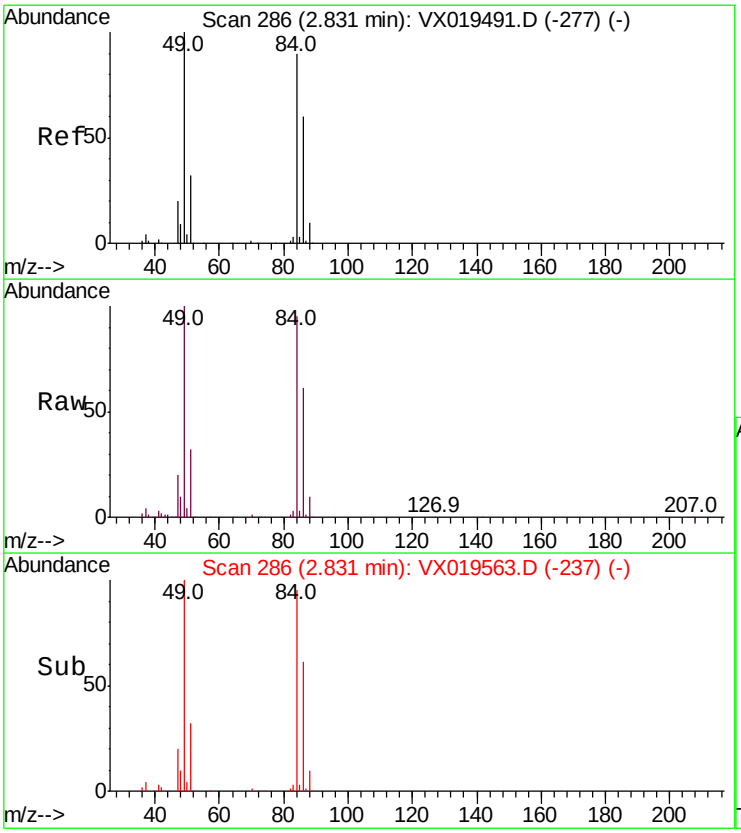

#19
Methyl tert-butyl Ether
Concen: 54.016 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 73 Resp: 500874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.0 | 17.3 | 25.9 |

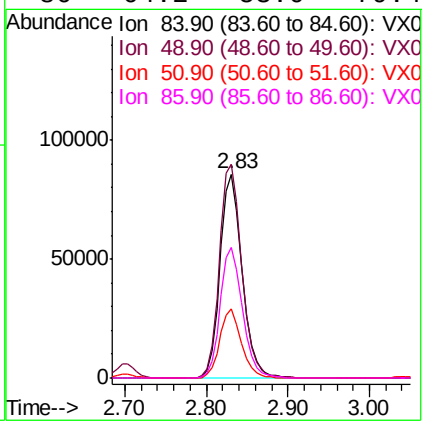


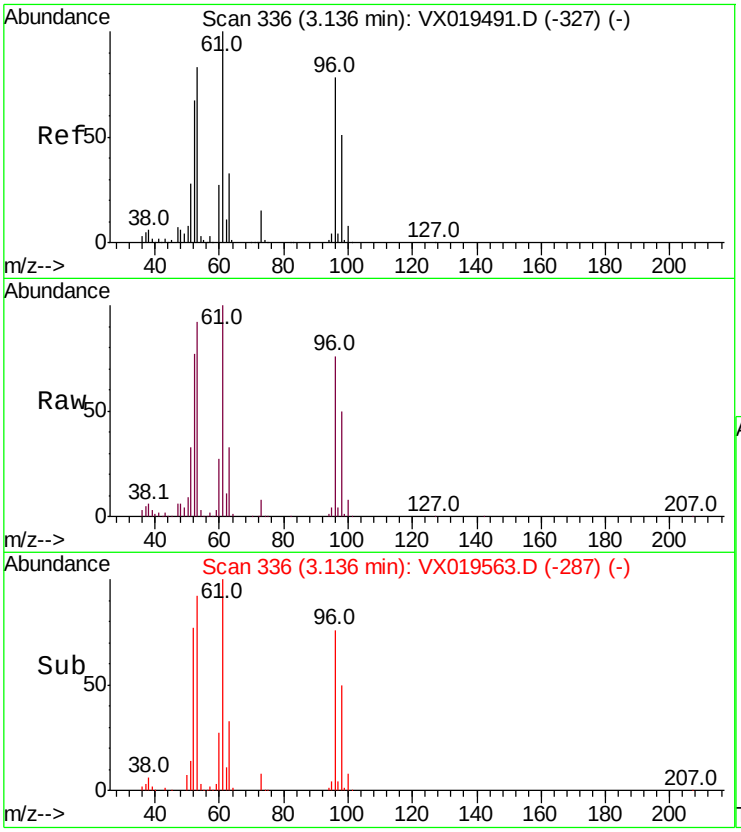




#20
Methylene Chloride
Concen: 47.285 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 84 Resp: 160345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.8 | 88.5 | 132.7 |
| 51 | 33.7 | 28.0 | 42.0 |
| 86 | 64.2 | 53.0 | 79.4 |



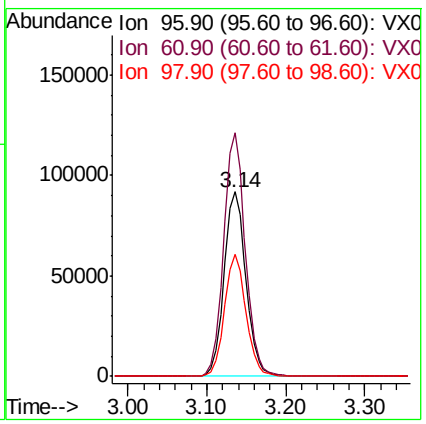


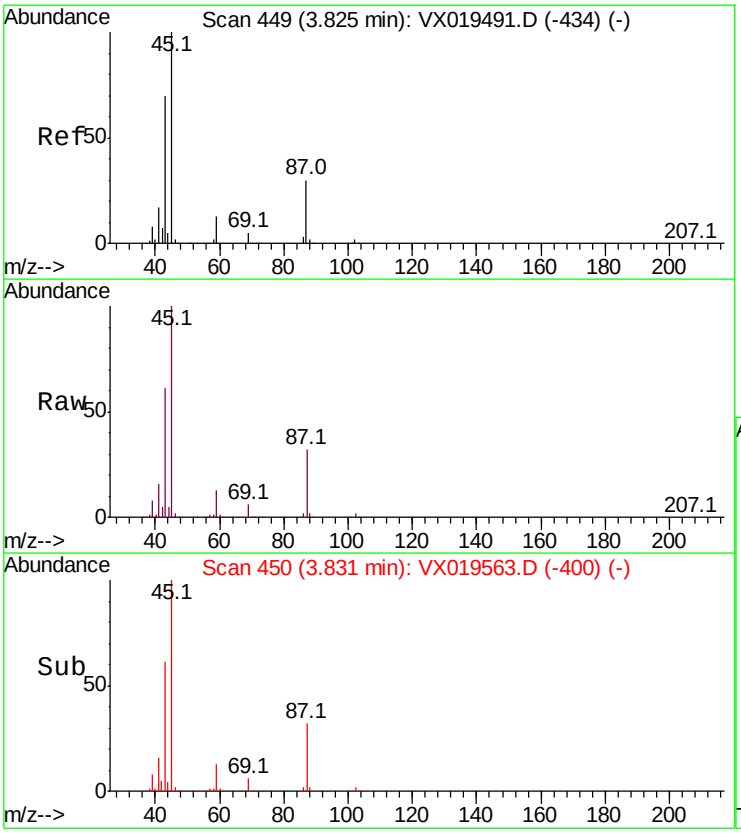

#21
trans-1,2-Dichloroethene
Concen: 58.202 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 96 Resp: 177146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.0 | 102.9 | 154.3 |
| 98 | 66.1 | 52.1 | 78.1 |

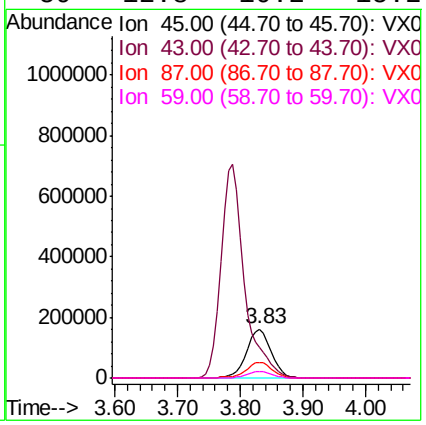


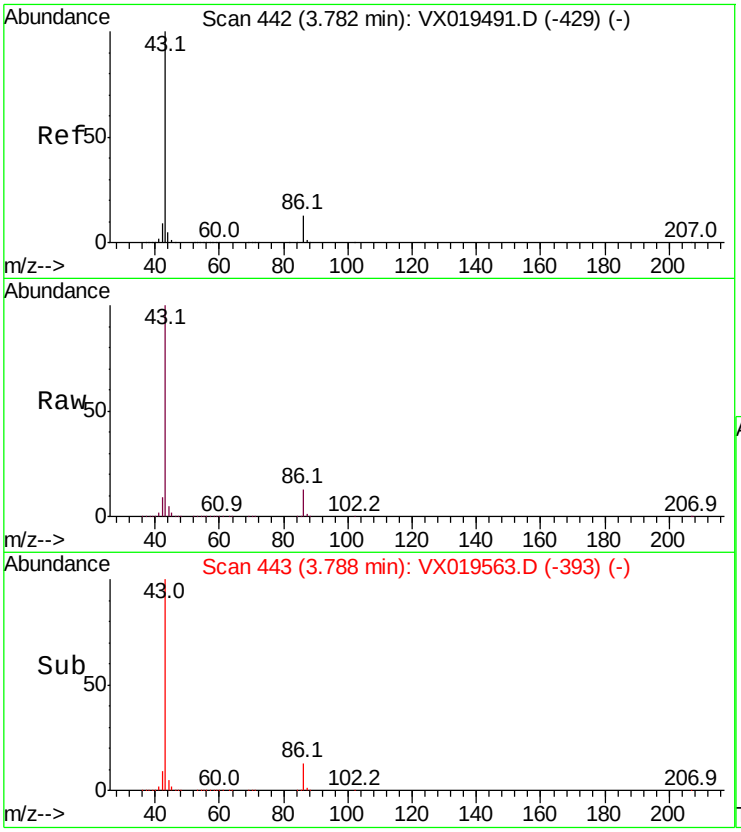




#22
Diisopropyl ether
Concen: 50.668 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 45 Resp: 441108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 61.3 | 56.1 | 84.1 |
| 87 | 32.5 | 24.2 | 36.2 |
| 59 | 12.8 | 10.2 | 15.2 |



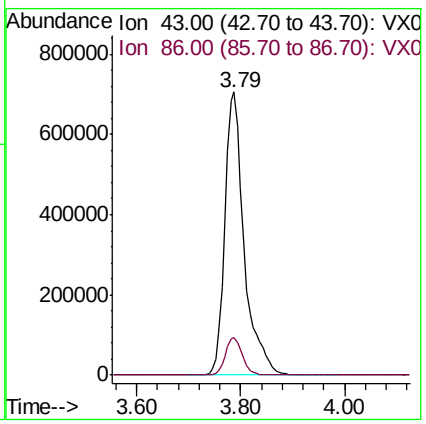


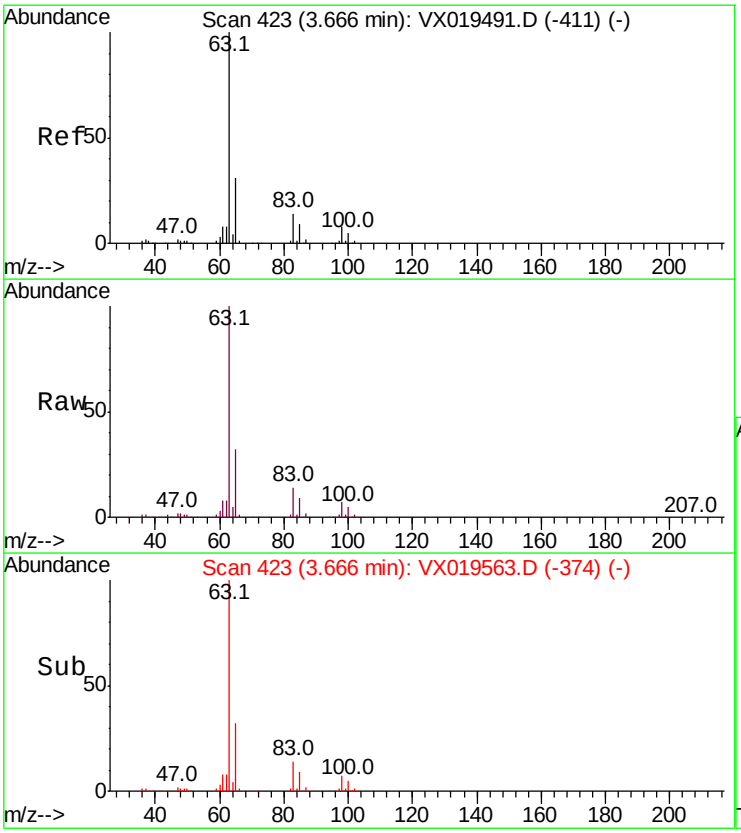

#23
Vinyl Acetate
Concen: 249.759 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 43 Resp: 1823822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 13.2 | 10.2 | 15.2 |

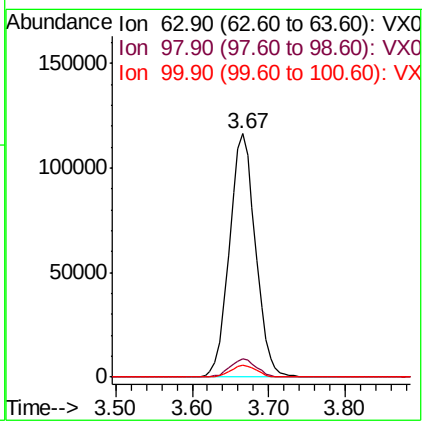


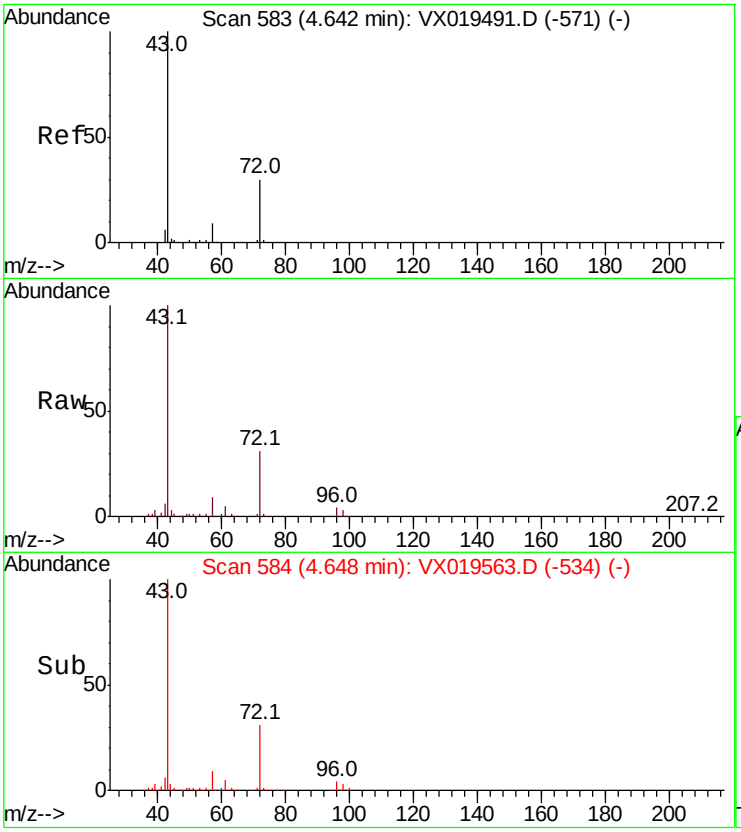




#24
1,1-Dichloroethane
Concen: 51.422 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 63 Resp: 273818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.5 | 3.9 | 11.7 |
| 100 | 4.9 | 2.4 | 7.1 |



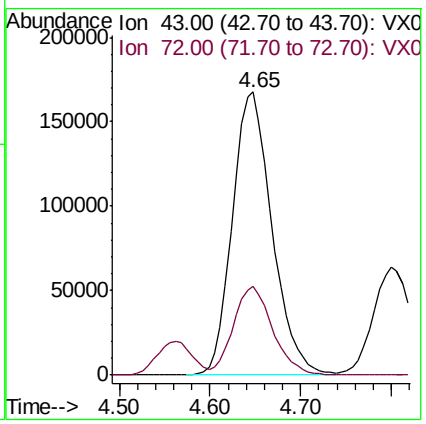


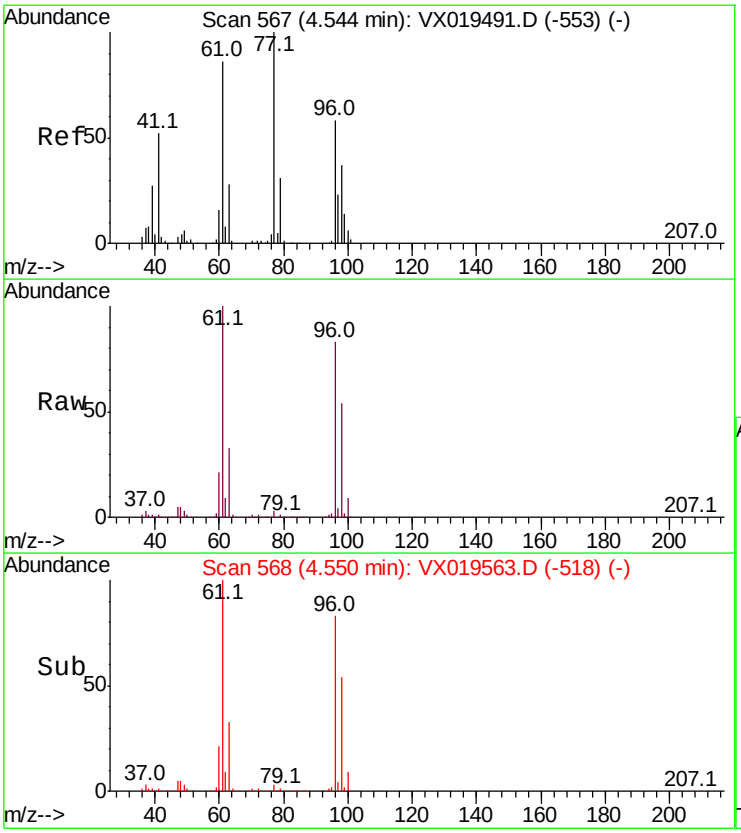

#25
2-Butanone
Concen: 248.343 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 43 Resp: 506147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 31.1 | 24.0 | 36.0 |

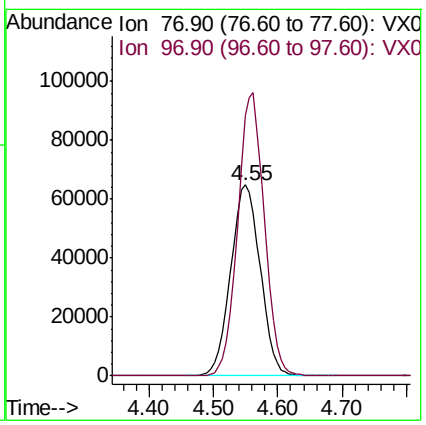


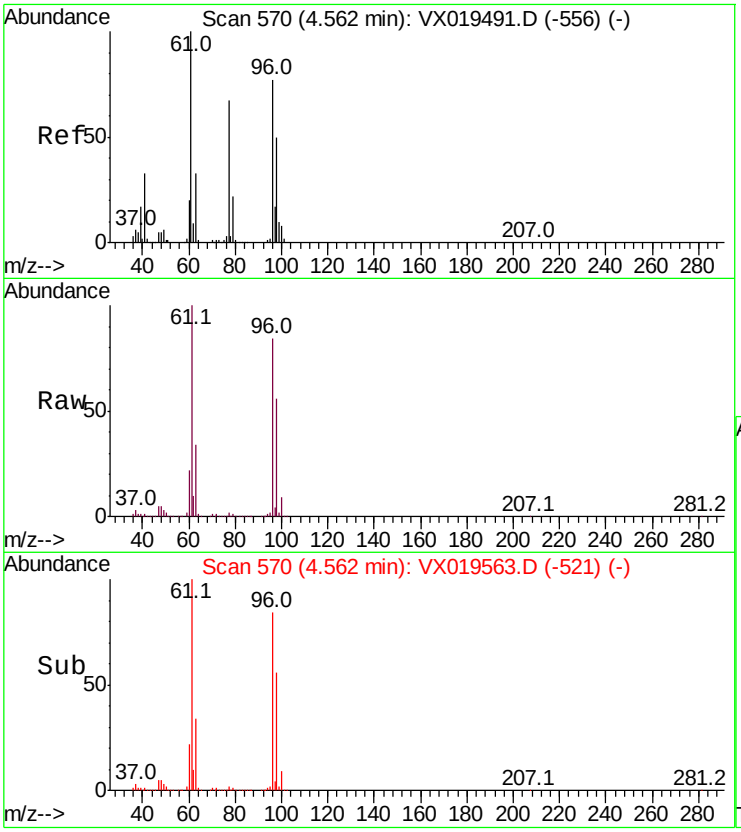




#26
2,2-Dichloropropane
Concen: 44.505 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 77 Resp: 206856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 132.1 | 11.6 | 34.8# |



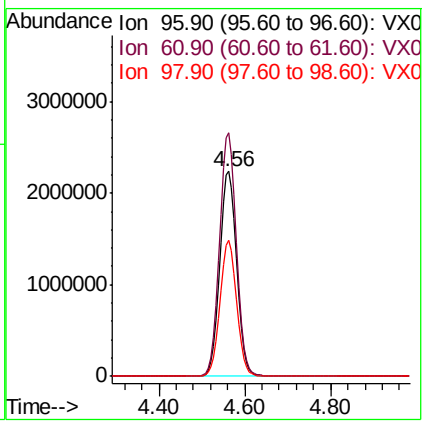


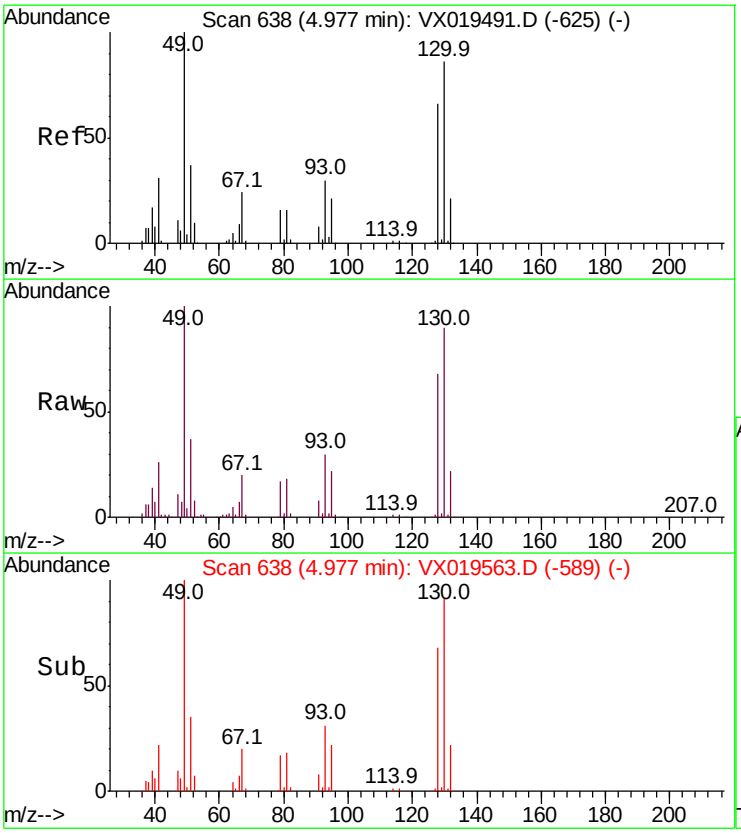

#27
cis-1,2-Dichloroethene
Concen: 1790.444 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 96 Resp: 6259667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 118.6 | 0.0 | 279.2 |
| 98 | 65.1 | 0.0 | 129.8 |

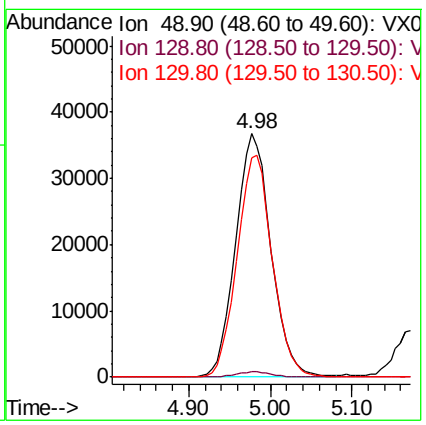


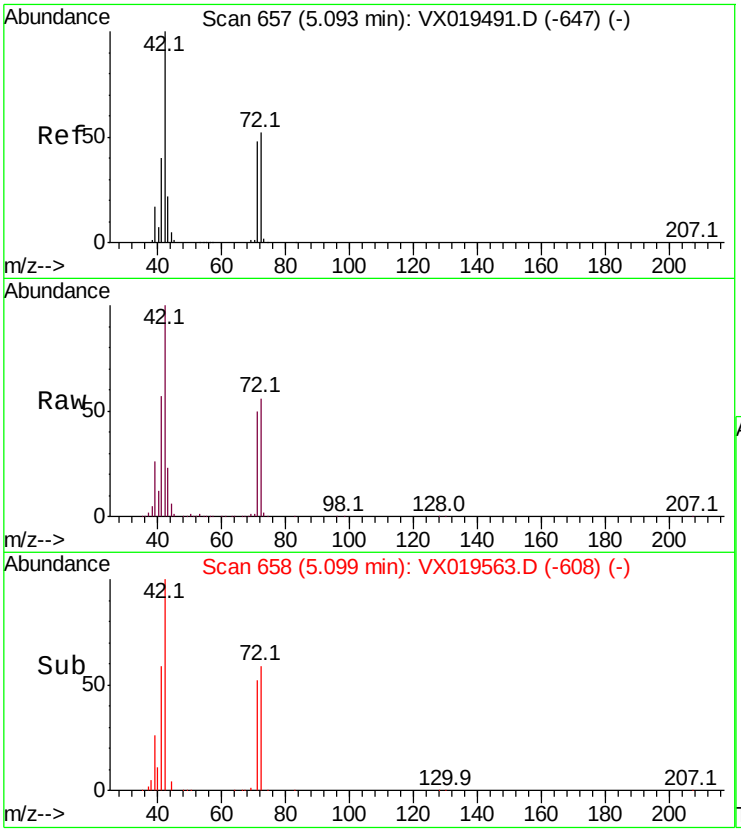




#28
Bromochloromethane
Concen: 43.544 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 49 Resp: 110858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 4.2 |
| 130 | 90.7 | 69.0 | 103.6 |



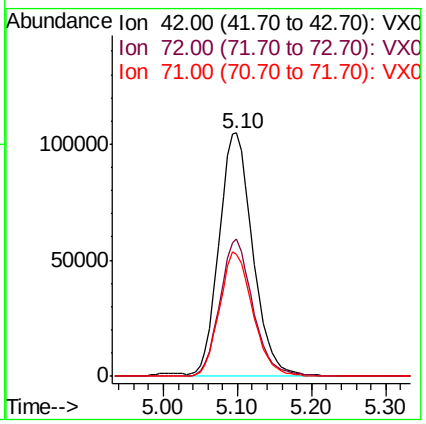


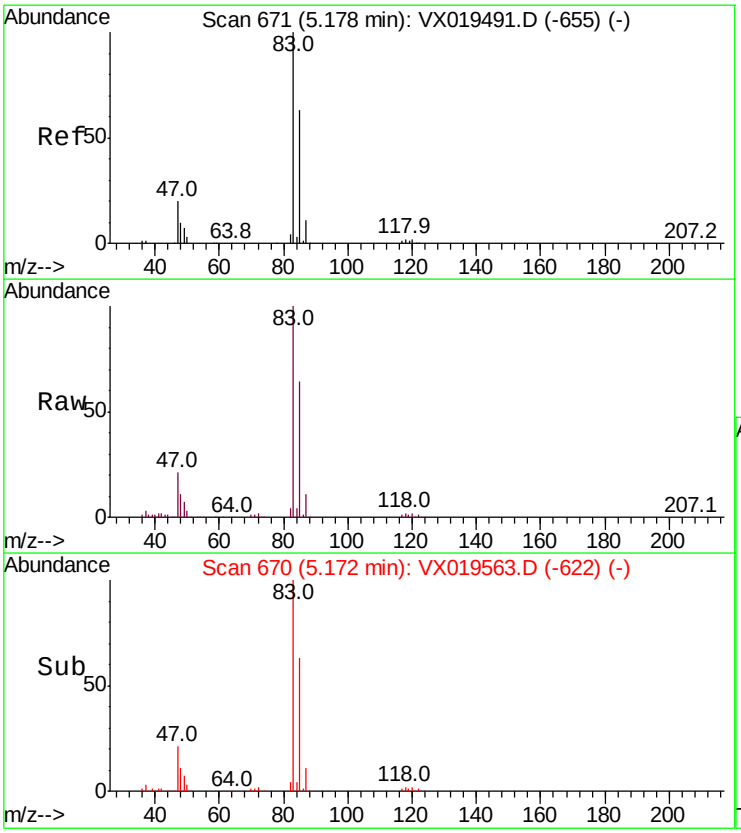

#29
Tetrahydrofuran
Concen: 253.231 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 42 Resp: 329302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 55.6 | 42.6 | 63.8 |
| 71 | 50.7 | 39.0 | 58.6 |

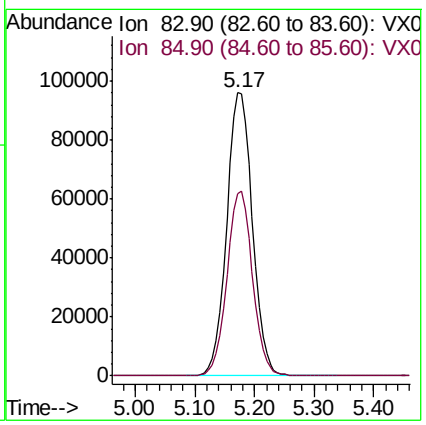


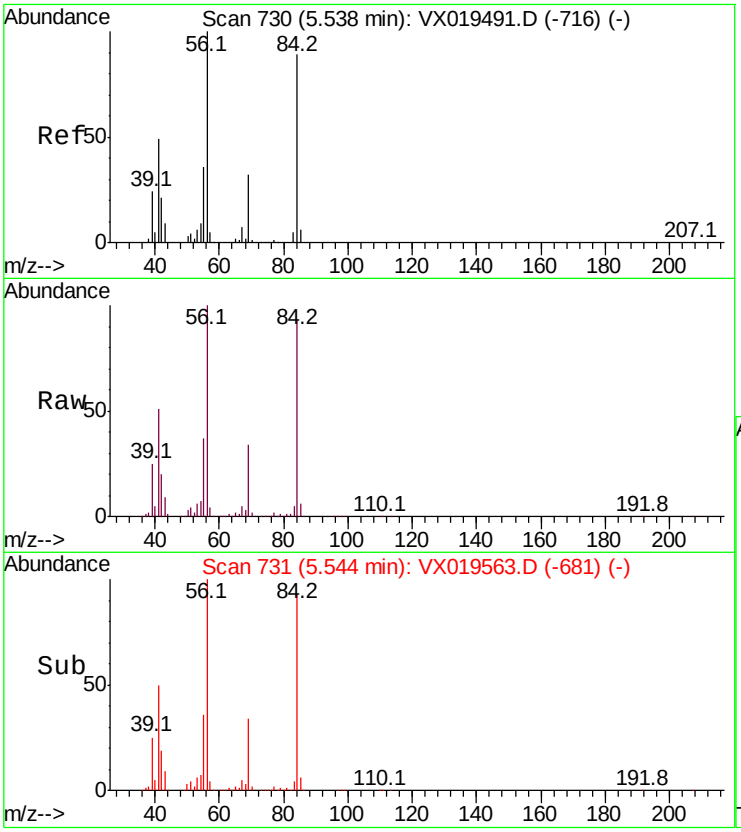




#30
Chloroform
Concen: 51.706 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 83 Resp: 287899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 50.5 | 75.7 |



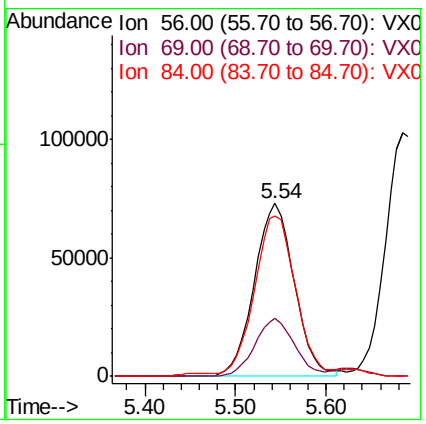


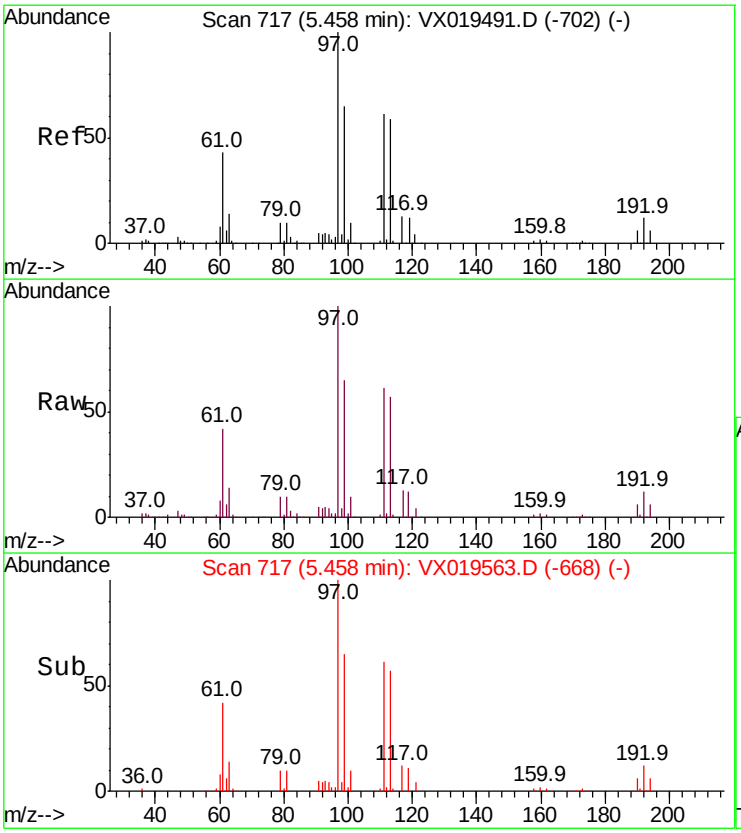

#31
Cyclohexane
Concen: 48.732 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 56 Resp: 222367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 33.7 | 25.5 | 38.3 |
| 84 | 91.5 | 71.1 | 106.7 |

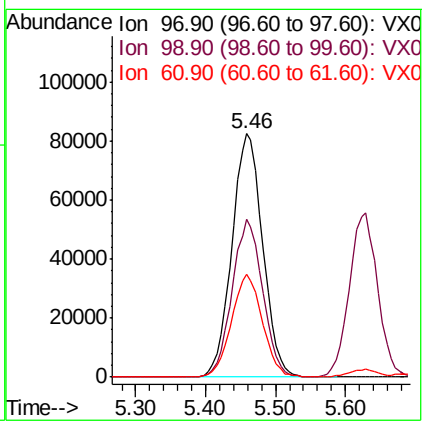


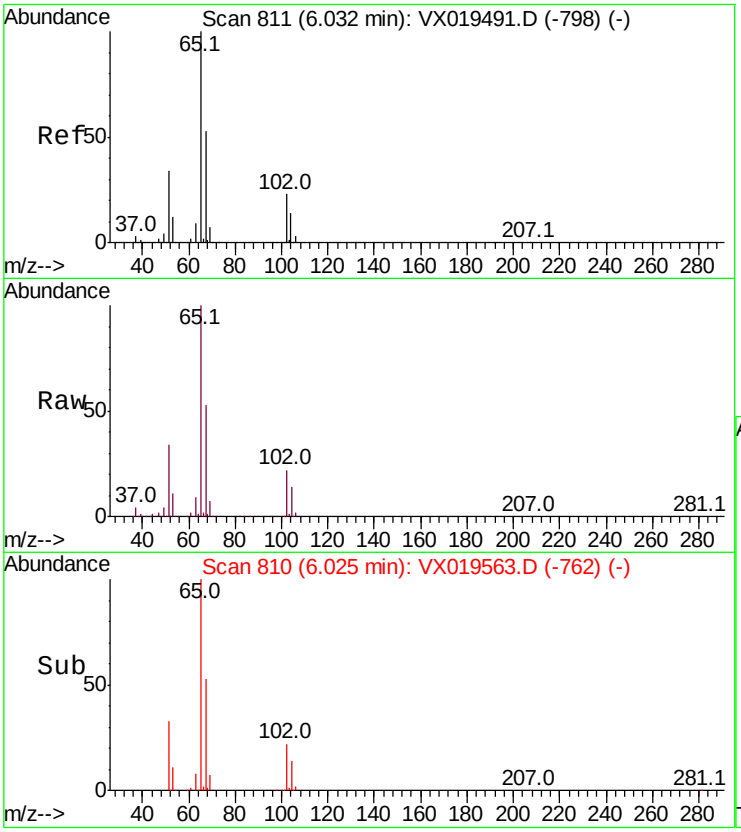




#32
1,1,1-Trichloroethane
Concen: 52.611 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 97 Resp: 251635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.2 | 51.4 | 77.0 |
| 61 | 42.5 | 34.2 | 51.2 |



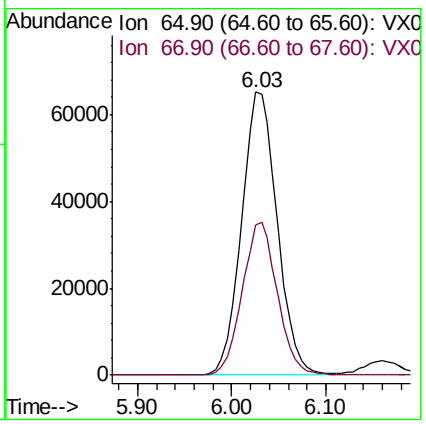


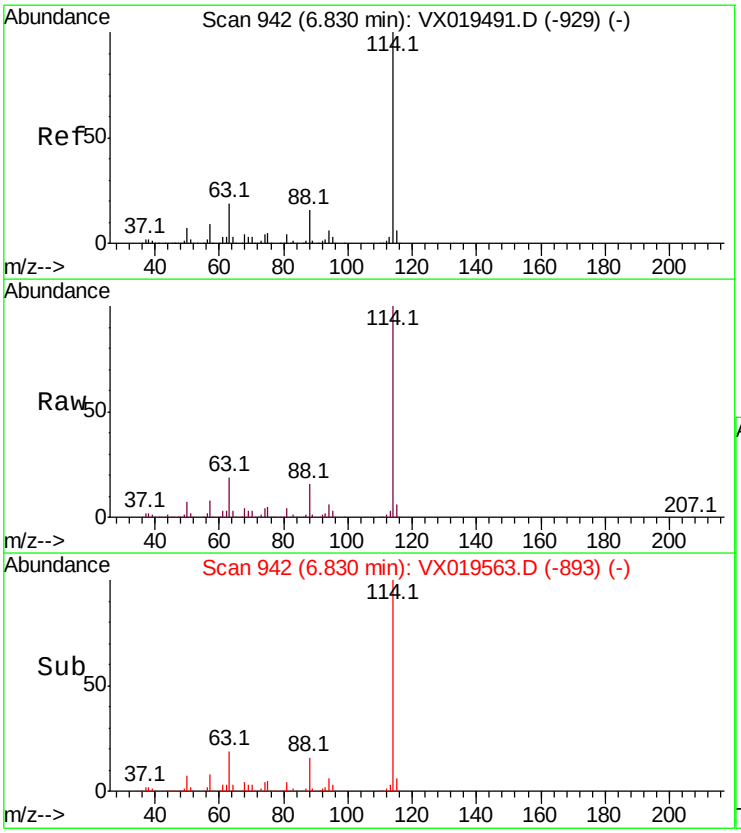

#33
1,2-Dichloroethane-d4
Concen: 49.287 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 65 Resp: 172915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 105.0 |

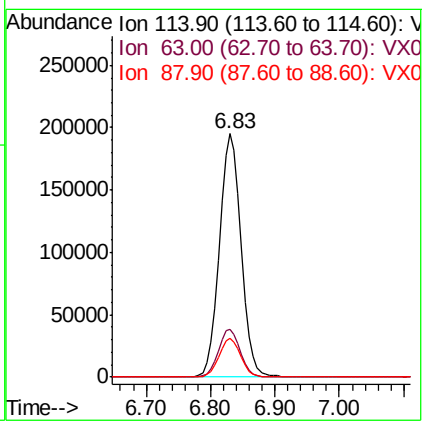


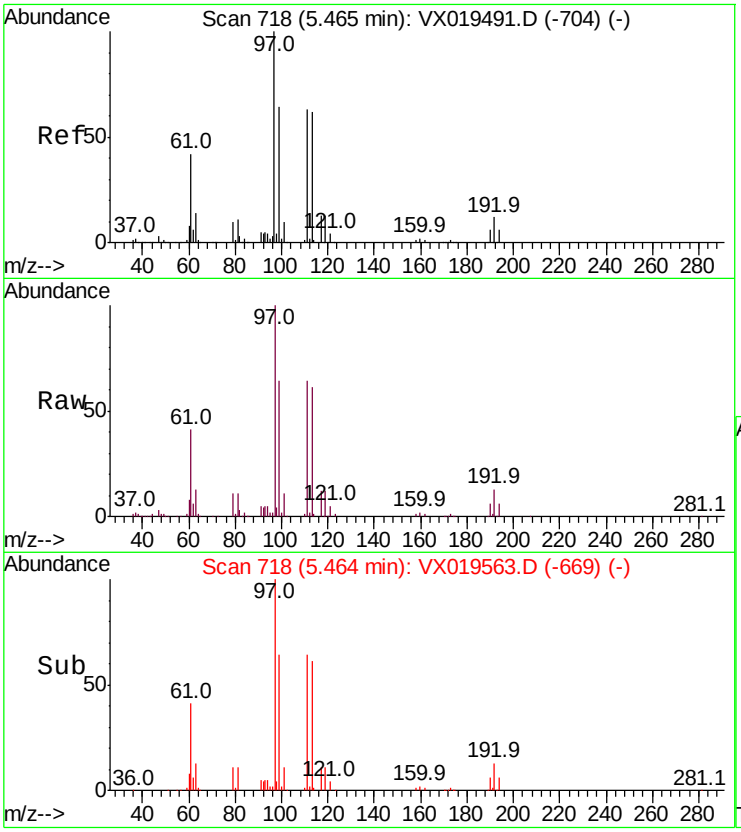




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:114 Resp: 465332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 38.8 |
| 88 | 16.2 | 0.0 | 31.6 |



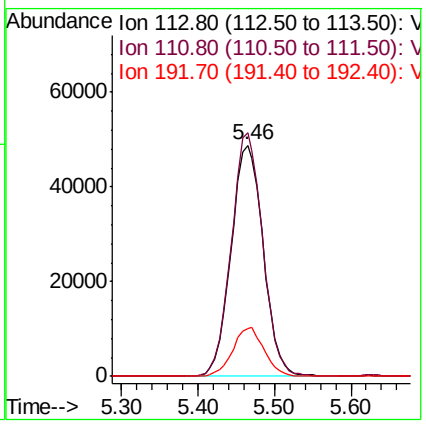


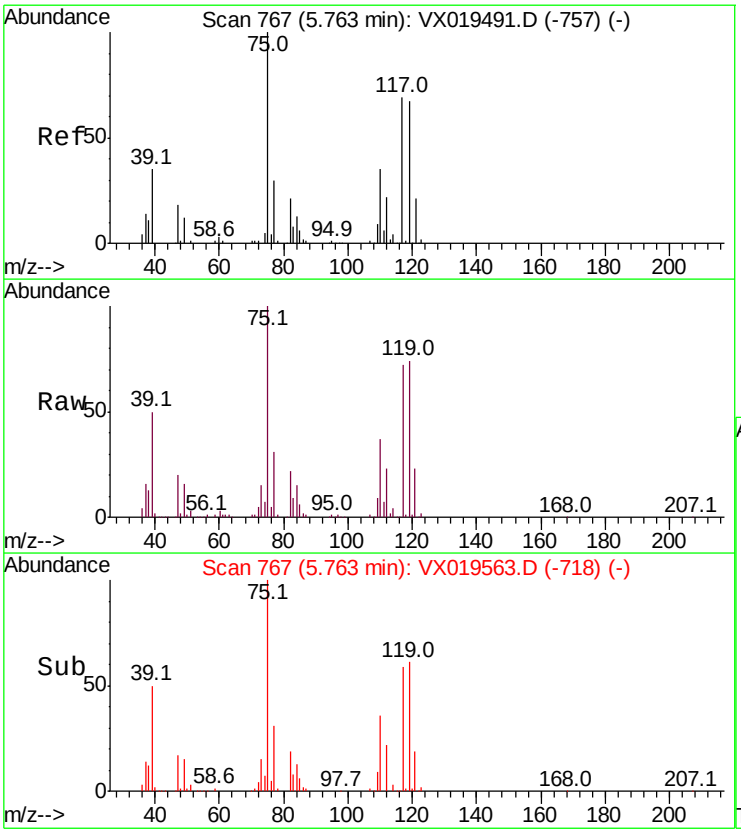

#35
Dibromofluoromethane
Concen: 48.693 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:113 Resp: 142226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 81.5 | 122.3 |
| 192 | 20.7 | 16.2 | 24.2 |

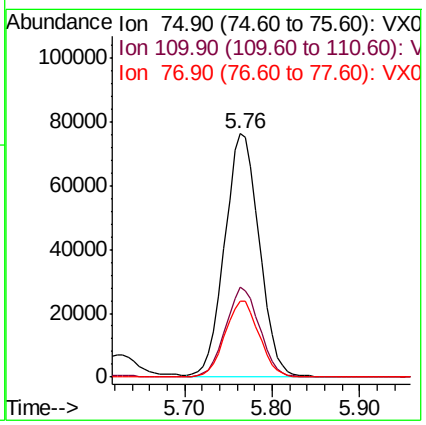


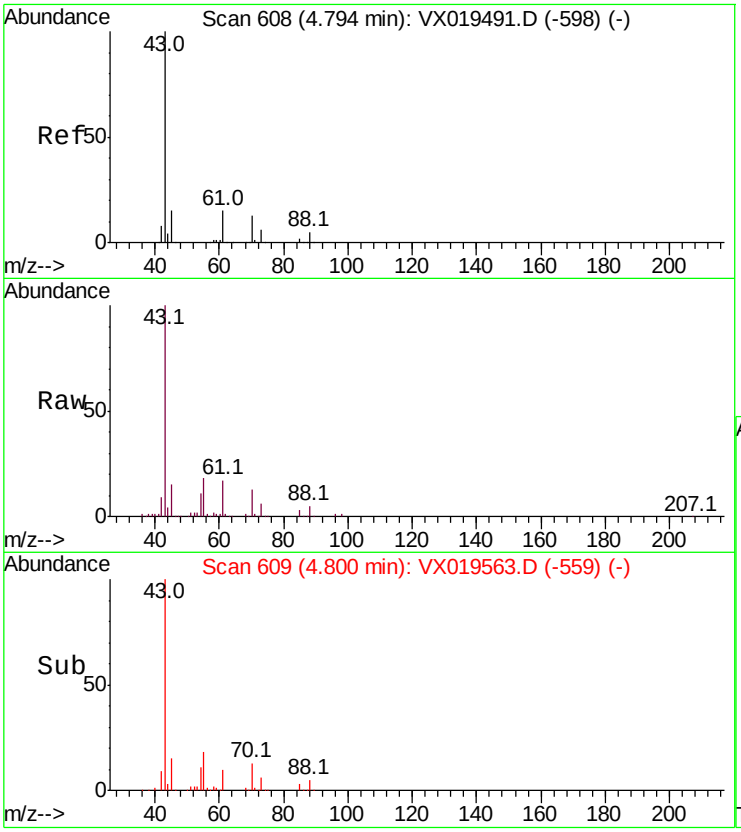




#36
1,1-Dichloropropene
Concen: 48.089 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 75 Resp: 209788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.3 | 18.1 | 54.3 |
| 77 | 31.1 | 24.2 | 36.4 |



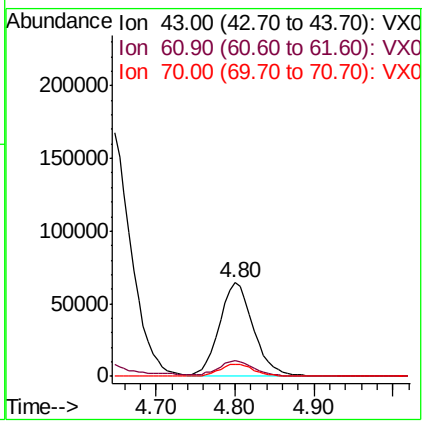


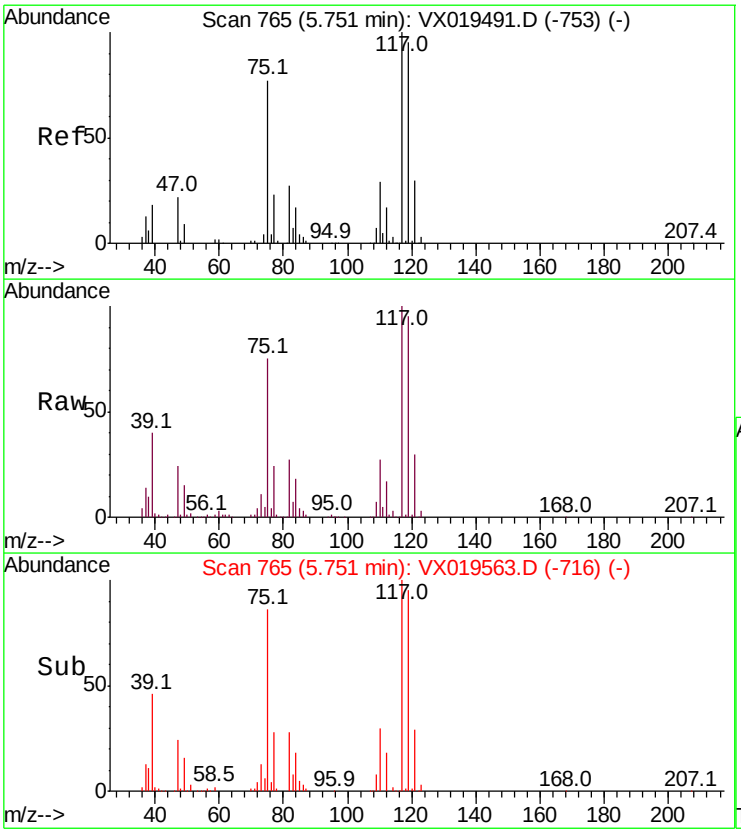

#37
Ethyl Acetate
Concen: 46.777 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 43 Resp: 191573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 12.7 | 19.1# |
| 70 | 13.5 | 10.2 | 15.2 |

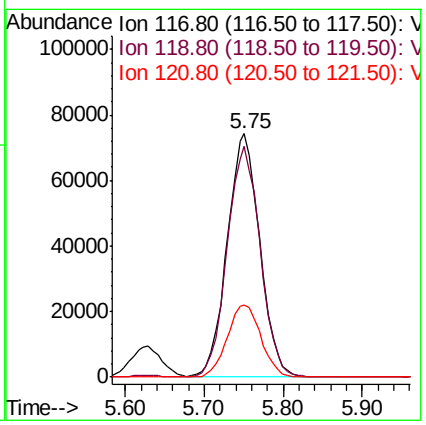


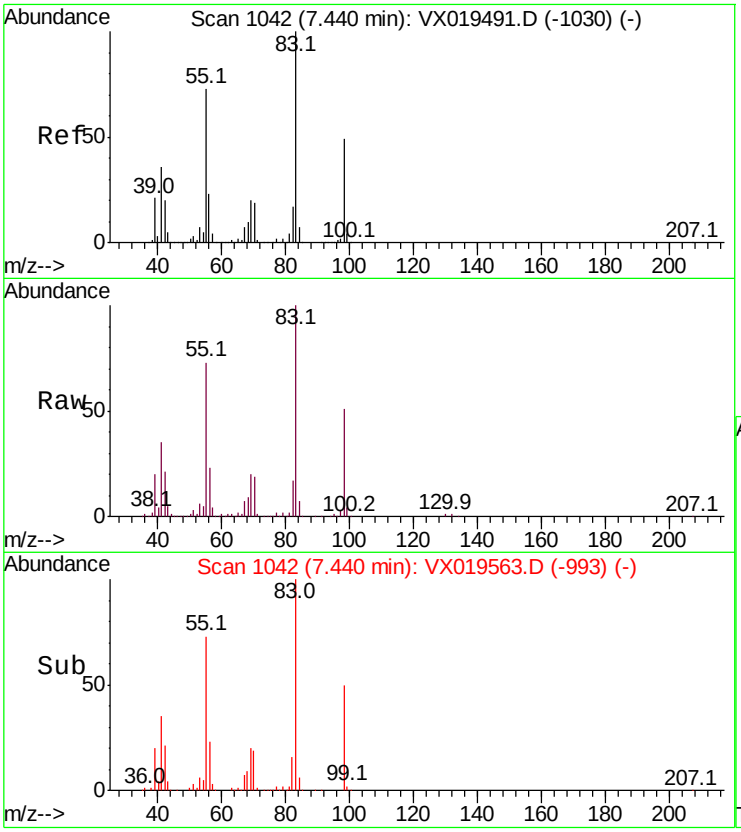




#38
Carbon Tetrachloride
Concen: 50.574 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:117 Resp: 213552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 75.9 | 113.9 |
| 121 | 29.7 | 24.0 | 36.0 |



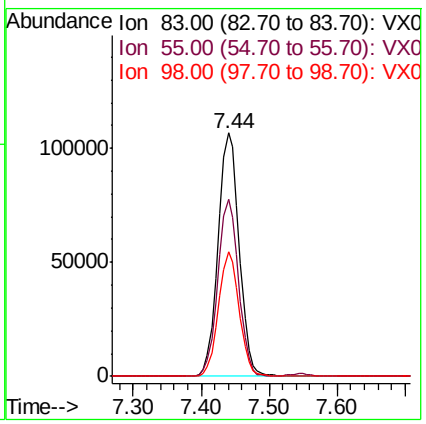


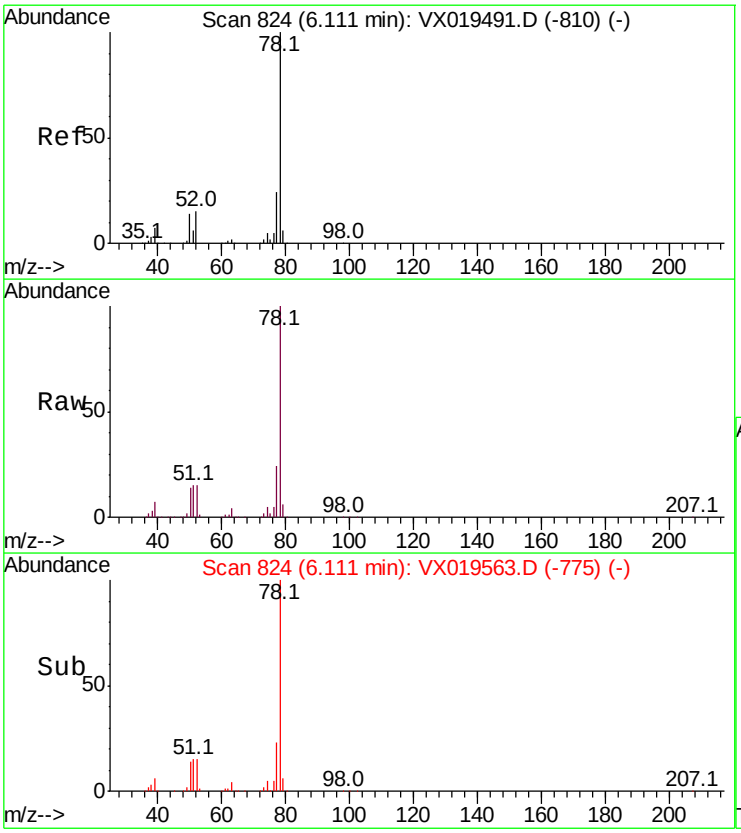

#39
Methylcyclohexane
Concen: 45.167 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 83 Resp: 229426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 72.9 | 58.3 | 87.5 |
| 98 | 51.0 | 38.9 | 58.3 |

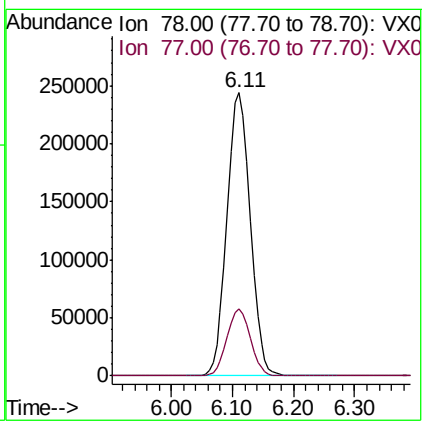


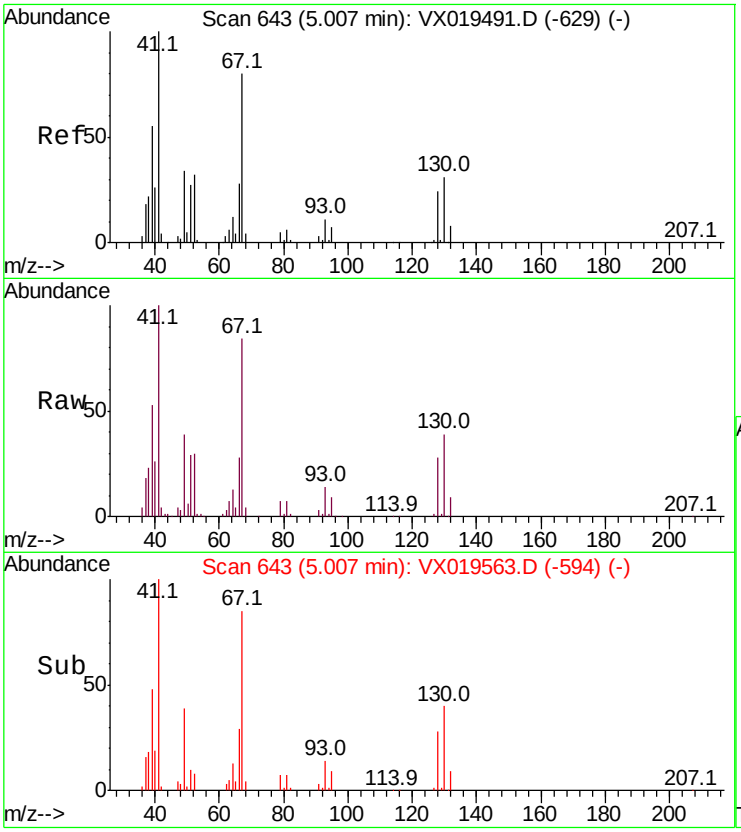




#40
Benzene
Concen: 47.741 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 78 Resp: 639903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.8 | 18.9 | 28.3 |



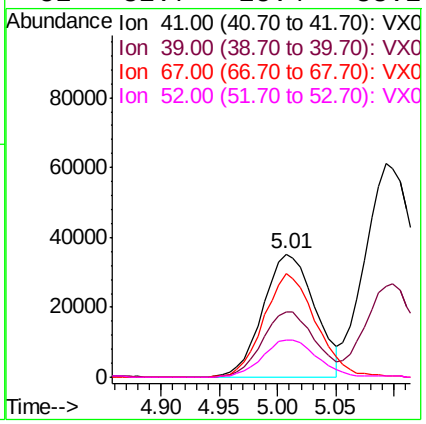


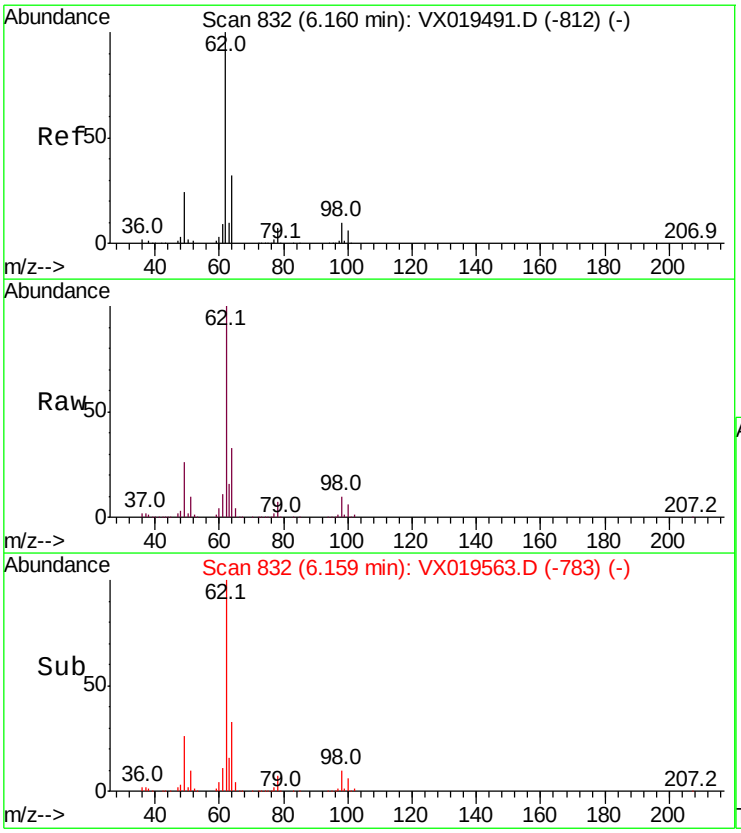

#41
Methacrylonitrile
Concen: 48.452 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 41 Resp: 109425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.2 | 43.3 | 64.9 |
| 67 | 84.9 | 66.0 | 99.0 |
| 52 | 32.7 | 25.4 | 38.2 |

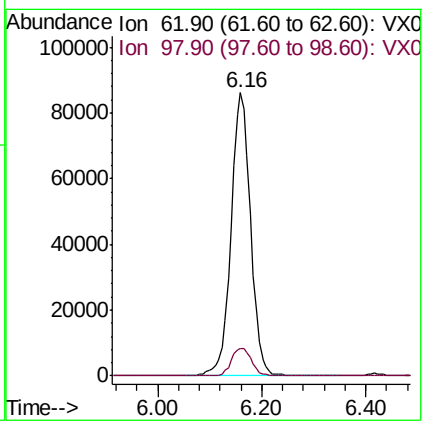


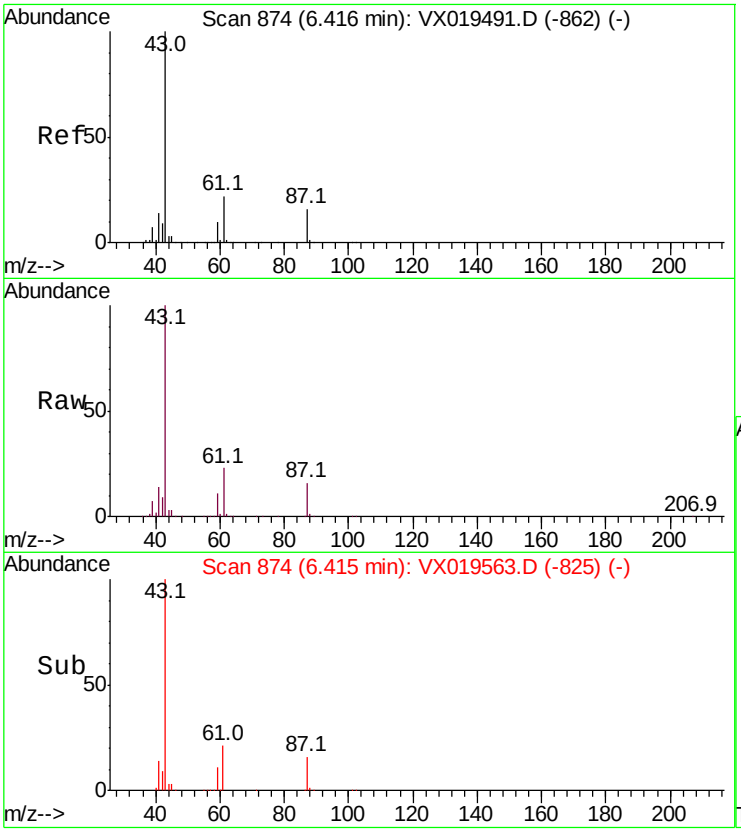




#42
1,2-Dichloroethane
Concen: 49.058 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 62 Resp: 225384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 0.0 | 20.0 |



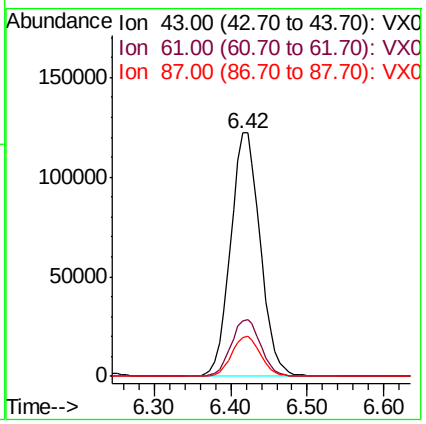


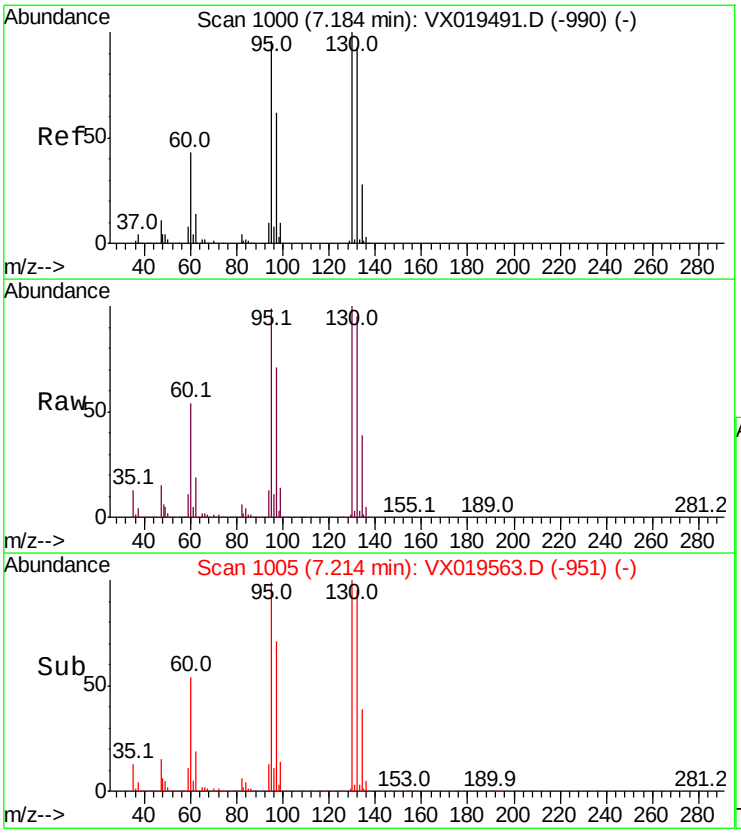

#43
Isopropyl Acetate
Concen: 47.374 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 43 Resp: 326148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 23.3 | 18.2 | 27.2 |
| 87 | 16.1 | 12.6 | 18.8 |

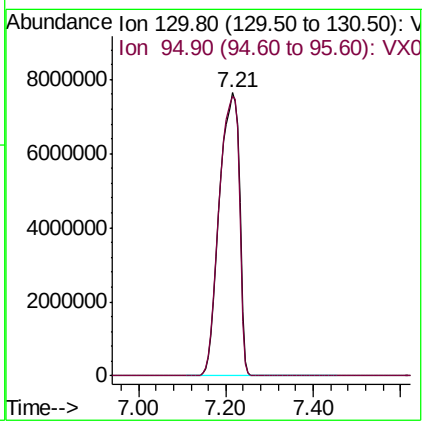


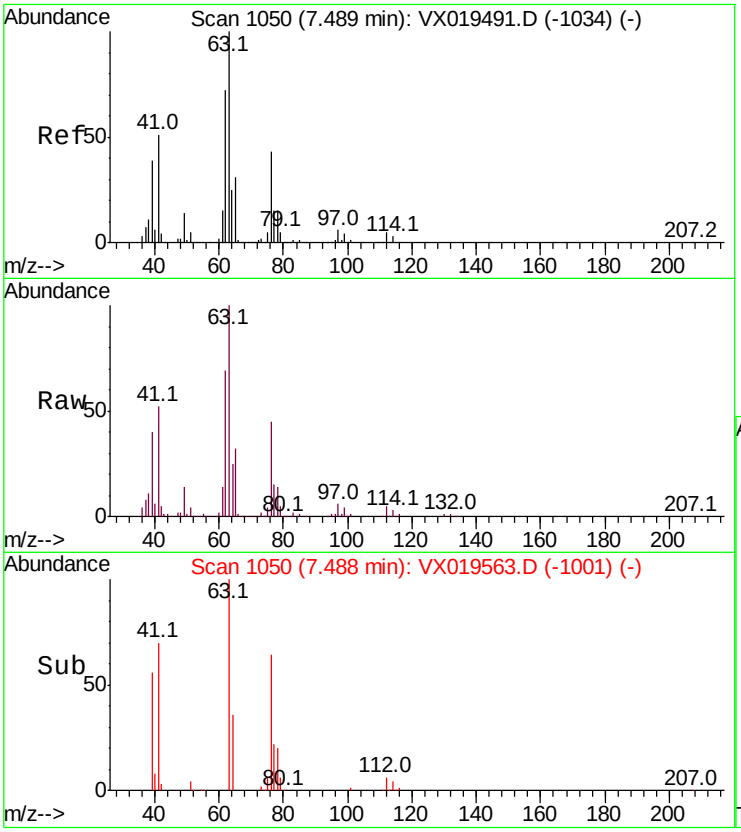




#44
Trichloroethene
Concen: 6891.126 ug/l
RT: 7.21 min Scan# 1005
Delta R.T. 0.03 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:130 Resp:24194502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.6 | 0.0 | 191.2 |



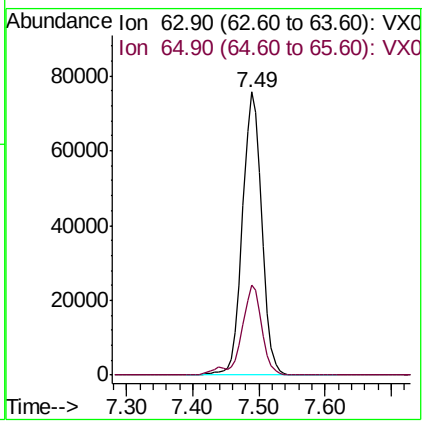


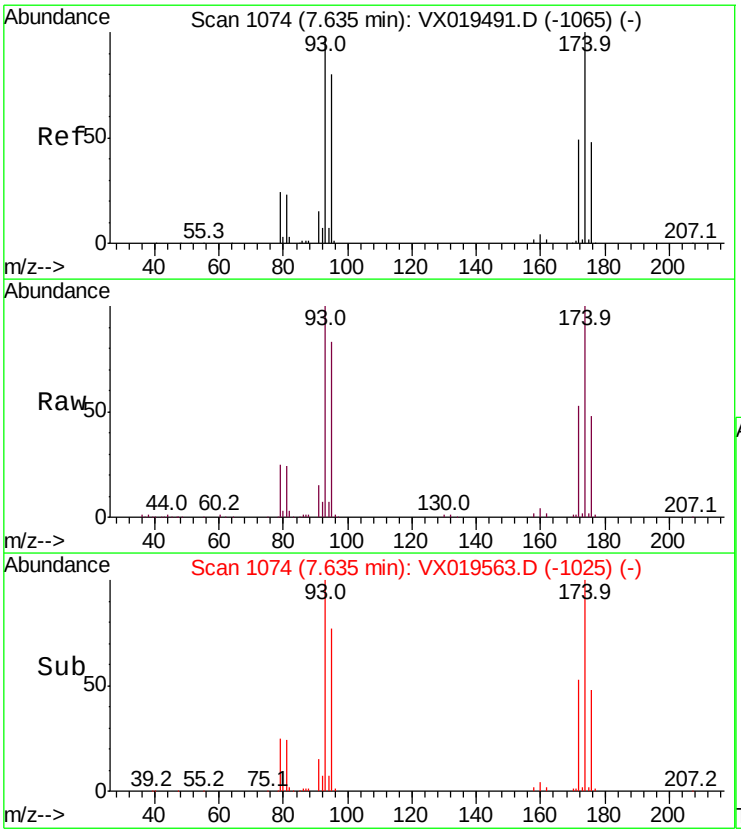

#45
1,2-Dichloropropane
Concen: 46.685 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 63 Resp: 154048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.9 | 25.0 | 37.4 |

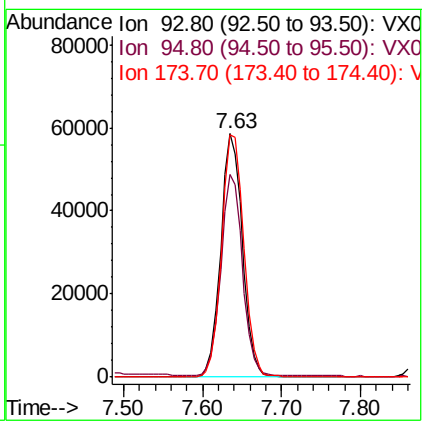


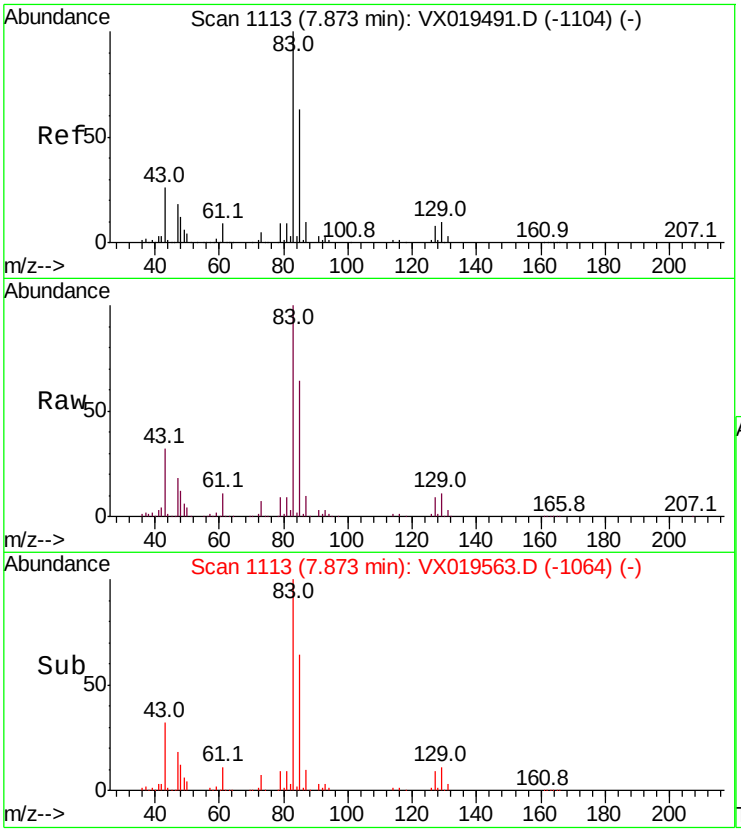




#46
Dibromomethane
Concen: 49.484 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 93 Resp: 111756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.3 | 66.8 | 100.2 |
| 174 | 102.3 | 83.0 | 124.4 |



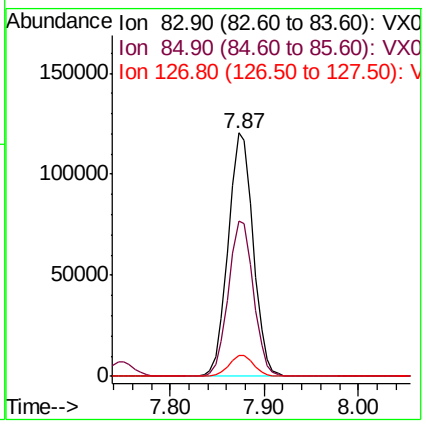


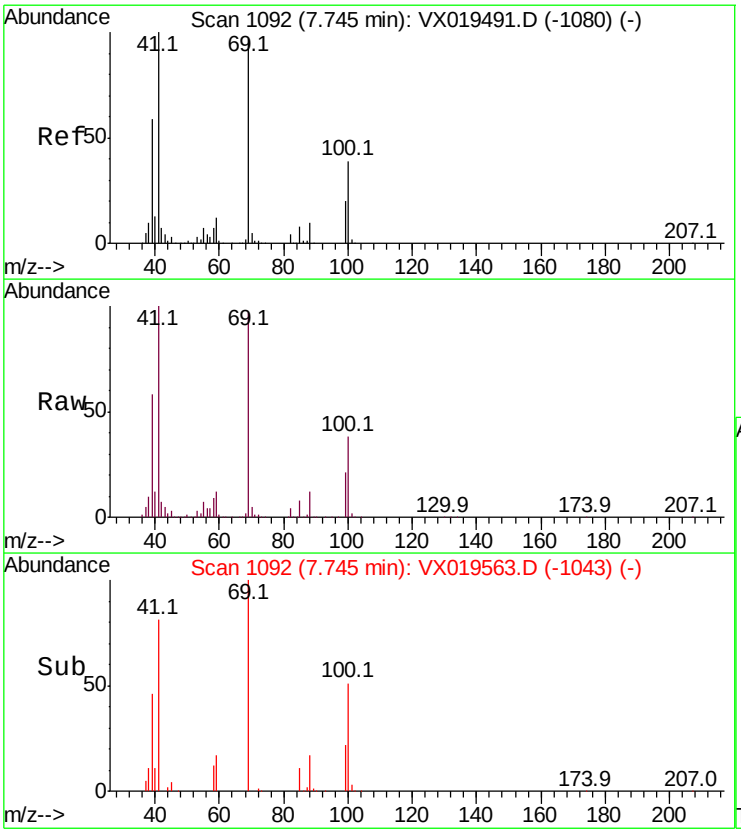

#47
Bromodichloromethane
Concen: 50.629 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 83 Resp: 221876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 50.2 | 75.2 |
| 127 | 8.8 | 6.4 | 9.6 |

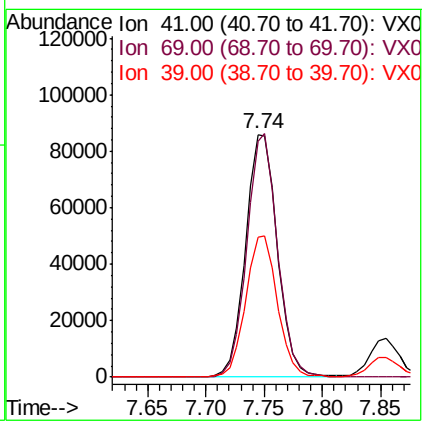


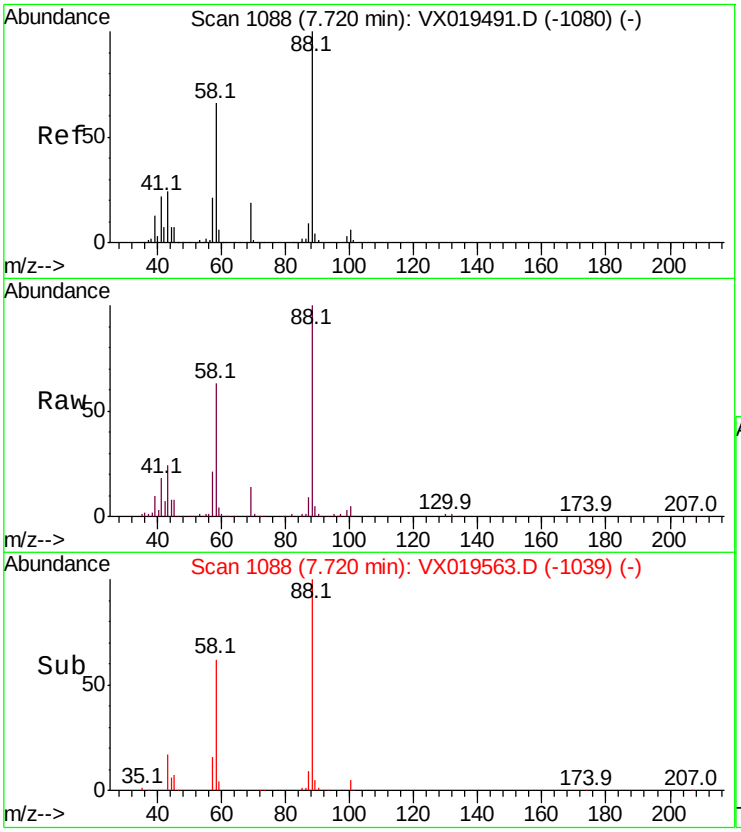




#48
Methyl methacrylate
Concen: 50.515 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 41 Resp: 162869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 97.5 | 77.0 | 115.6 |
| 39 | 58.4 | 45.6 | 68.4 |



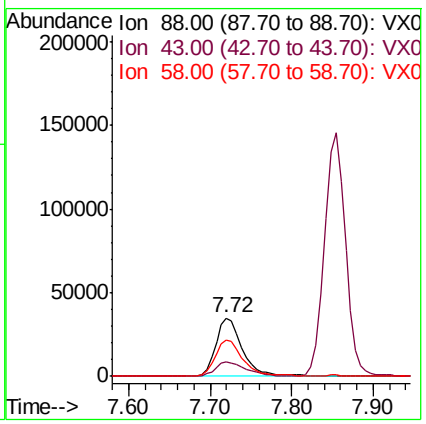


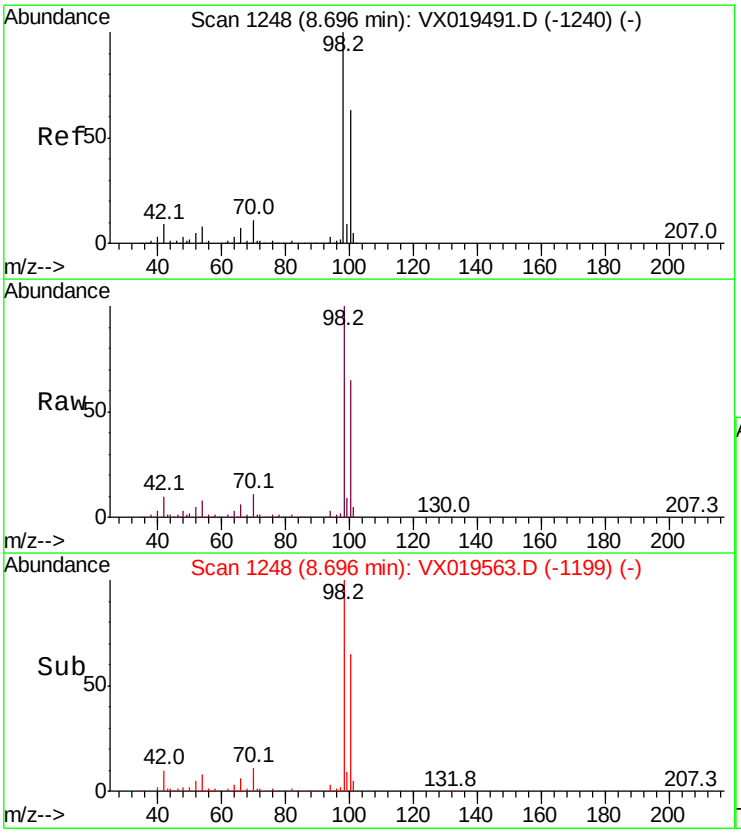

#49
1,4-Dioxane
Concen: 1089.070 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 88 Resp: 79727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 27.4 | 23.8 | 35.6 |
| 58 | 64.4 | 54.2 | 81.2 |

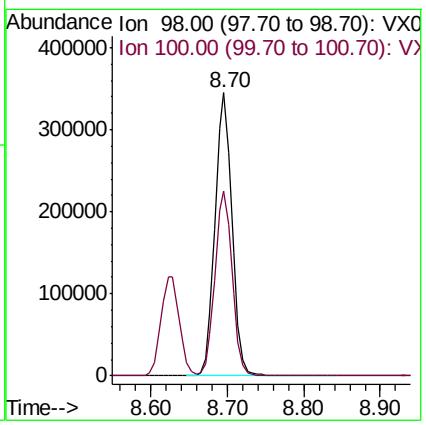


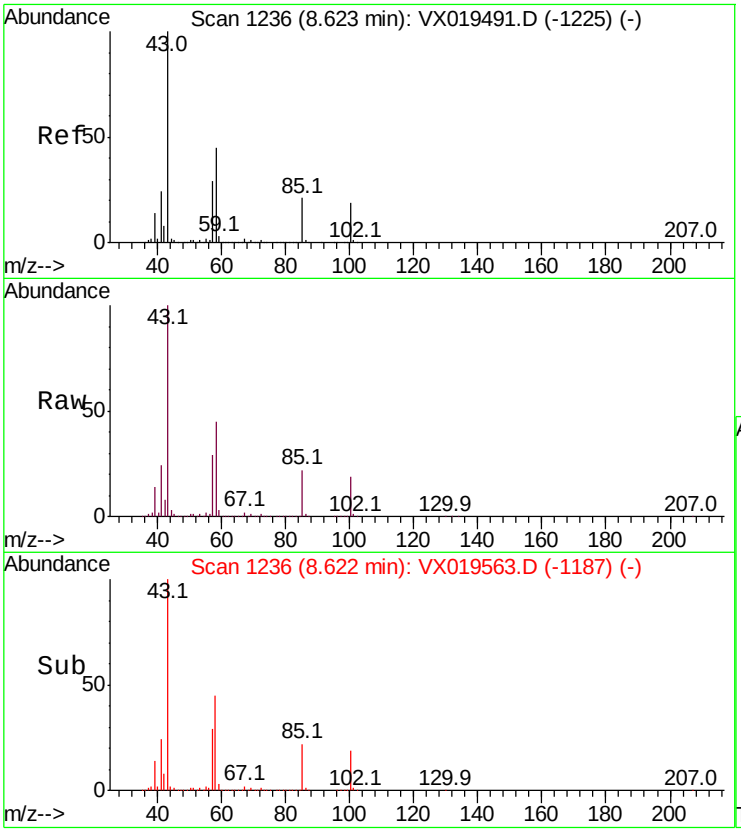




#50
Toluene-d8
Concen: 46.516 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 98 Resp: 527974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 52.4 | 78.6 |



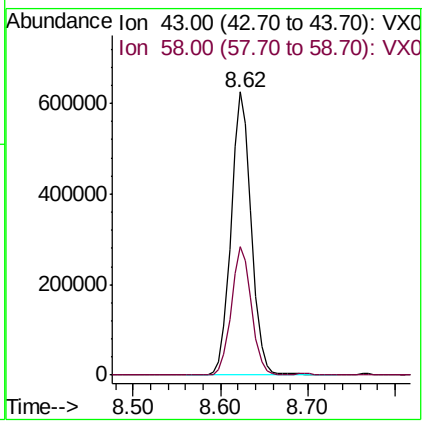


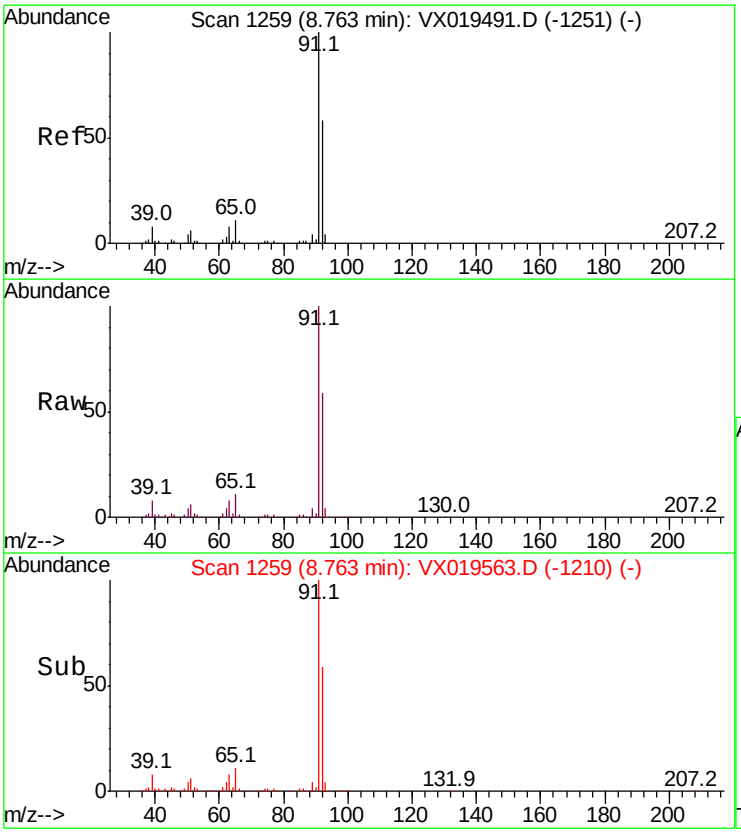

#51
4-Methyl-2-Pentanone
Concen: 251.216 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 43 Resp: 1008522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.0 | 35.1 | 52.7 |

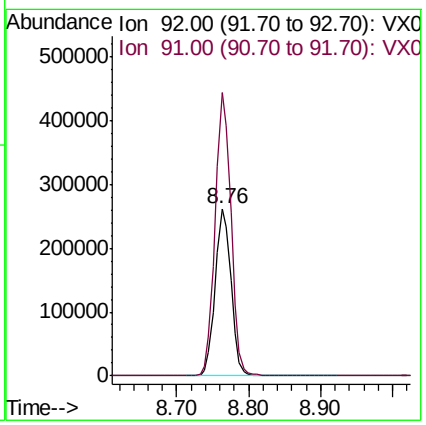


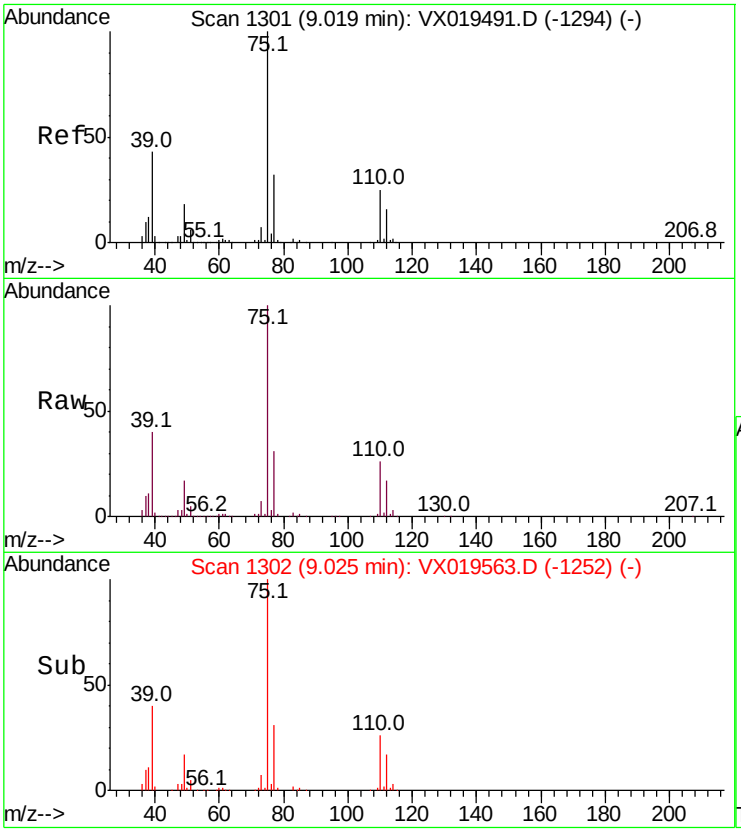




#52
Toluene
Concen: 48.572 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 92 Resp: 398279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.2 | 138.1 | 207.1 |



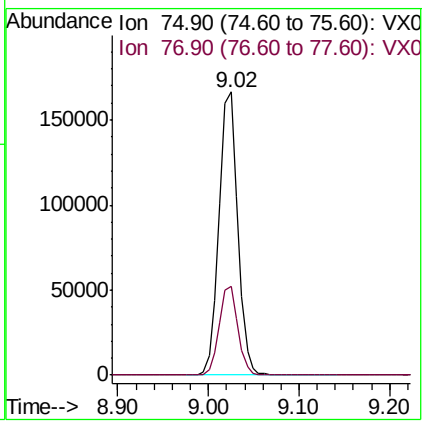


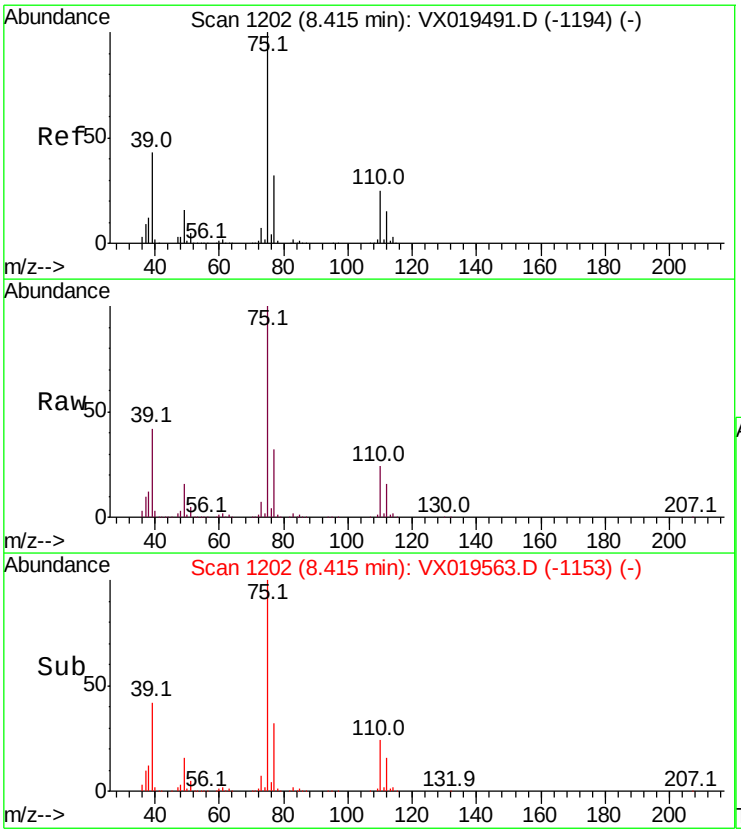

#53
t-1,3-Dichloropropene
Concen: 50.946 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 75 Resp: 241124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.3 | 37.9 |

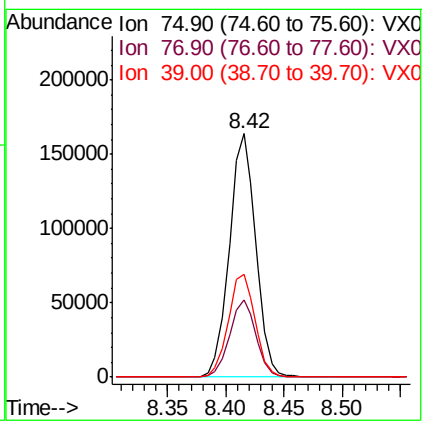


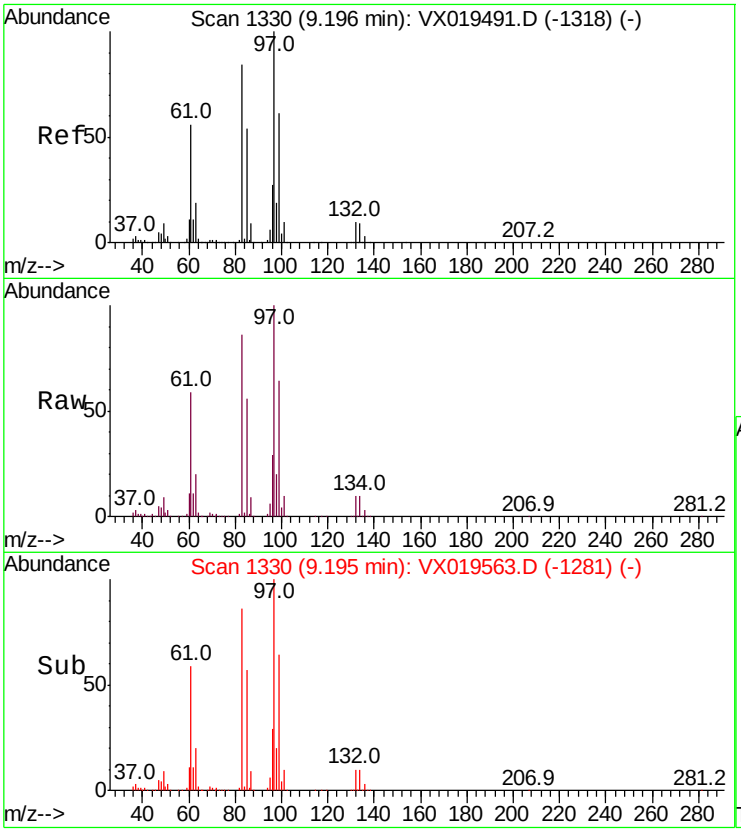




#54
cis-1,3-Dichloropropene
Concen: 49.090 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 75 Resp: 257838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 25.8 | 38.6 |
| 39 | 42.2 | 34.6 | 51.8 |



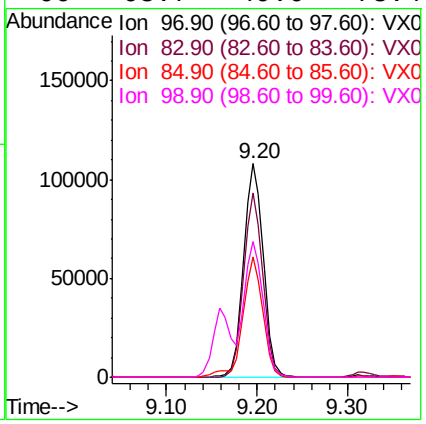


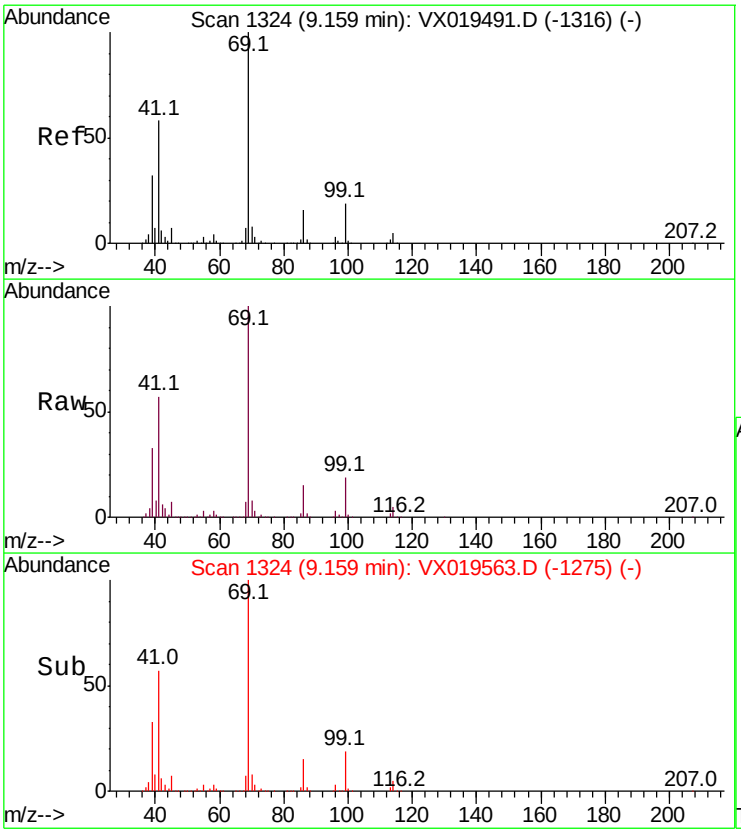

#55
1,1,2-Trichloroethane
Concen: 48.521 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion: 97 Resp: 162033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.3 | 67.0 | 100.6 |
| 85 | 56.5 | 43.4 | 65.0 |
| 99 | 63.7 | 49.0 | 73.4 |

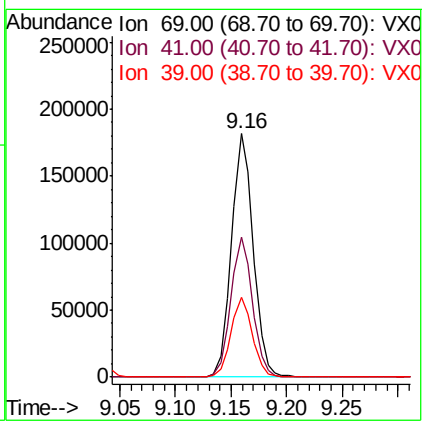


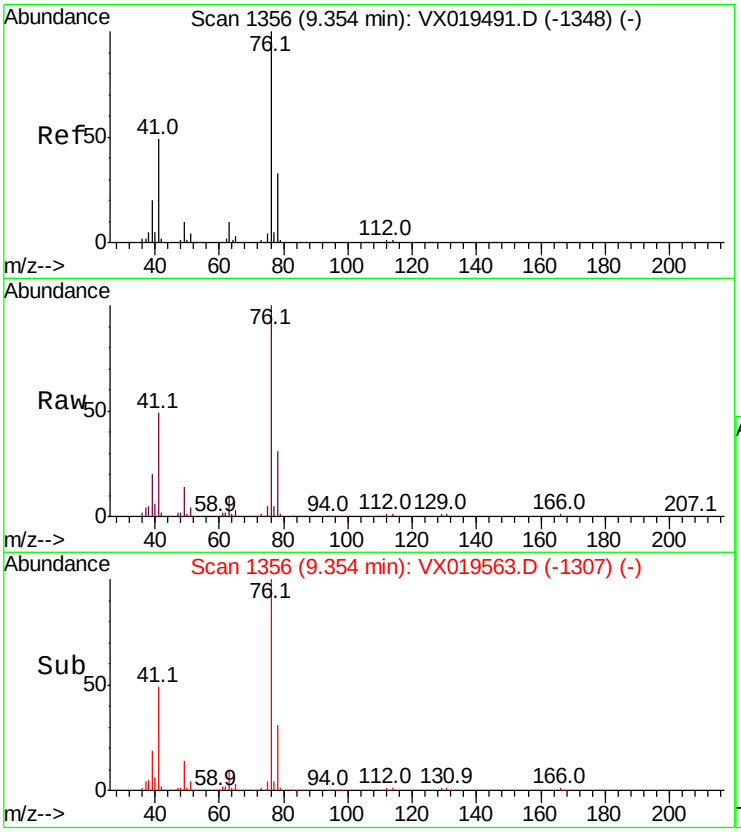




#56
Ethyl methacrylate
Concen: 52.023 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 69 Resp: 245826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 57.5 | 46.2 | 69.2 |
| 39 | 32.6 | 25.5 | 38.3 |



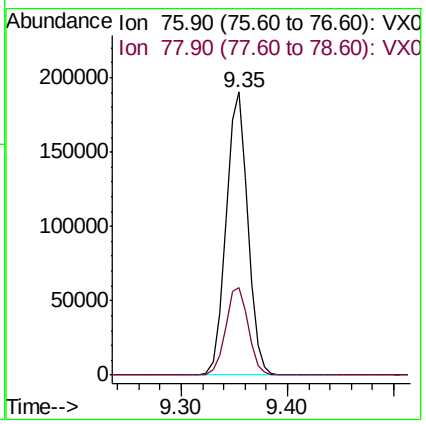


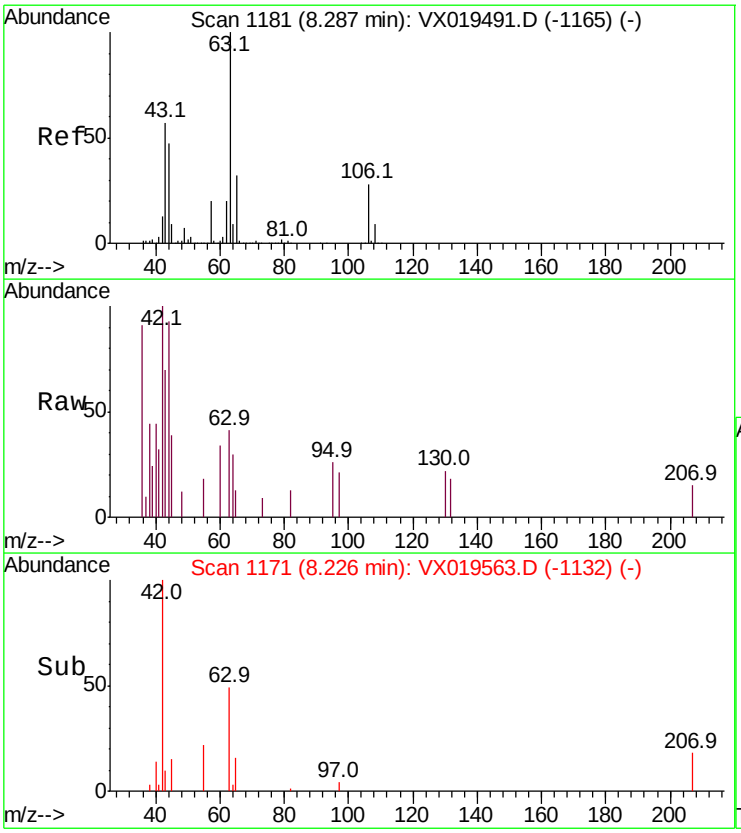

#57
1,3-Dichloropropane
Concen: 48.744 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 76 Resp: 272526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.7 | 38.5 |

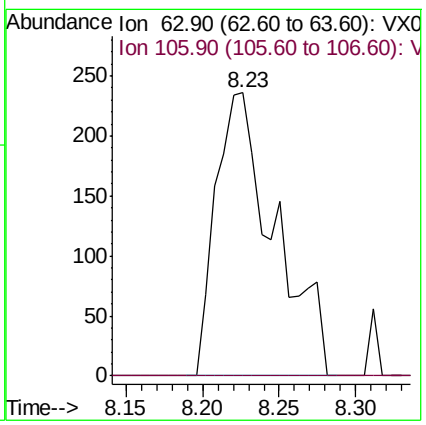


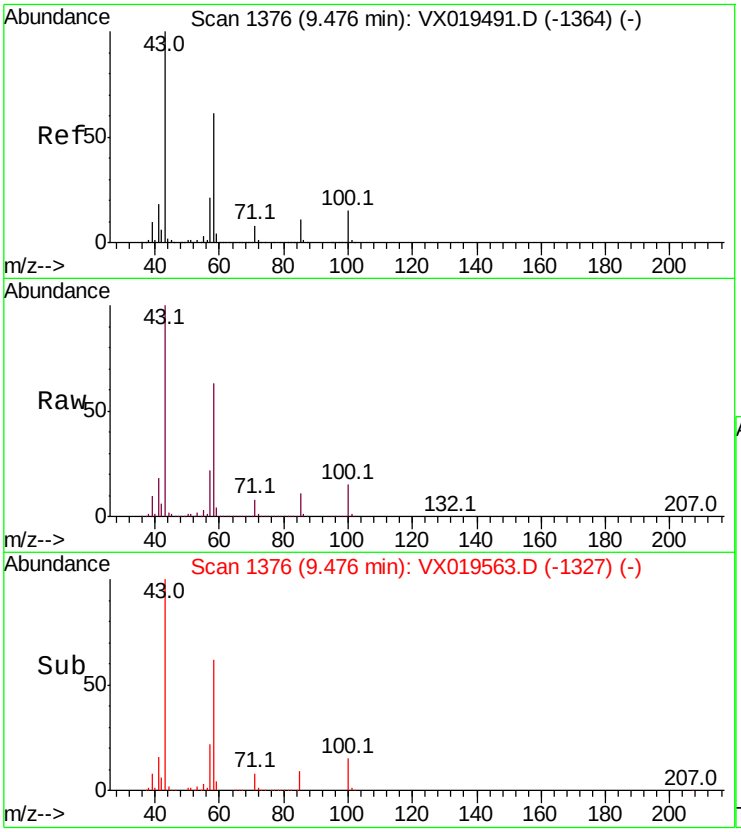




#58
2-Chloroethyl Vinyl ether
Concen: 0.228 ug/l
RT: 8.23 min Scan# 1171
Delta R.T. -0.06 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 63 Resp: 632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 23.7 | 35.5# |

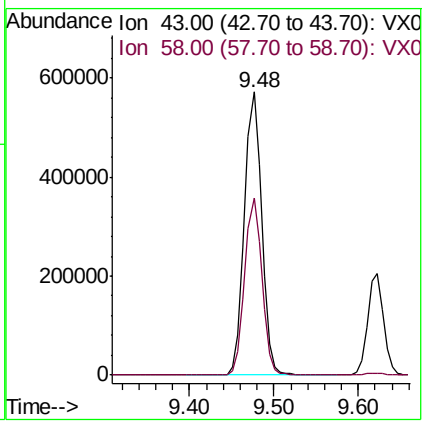




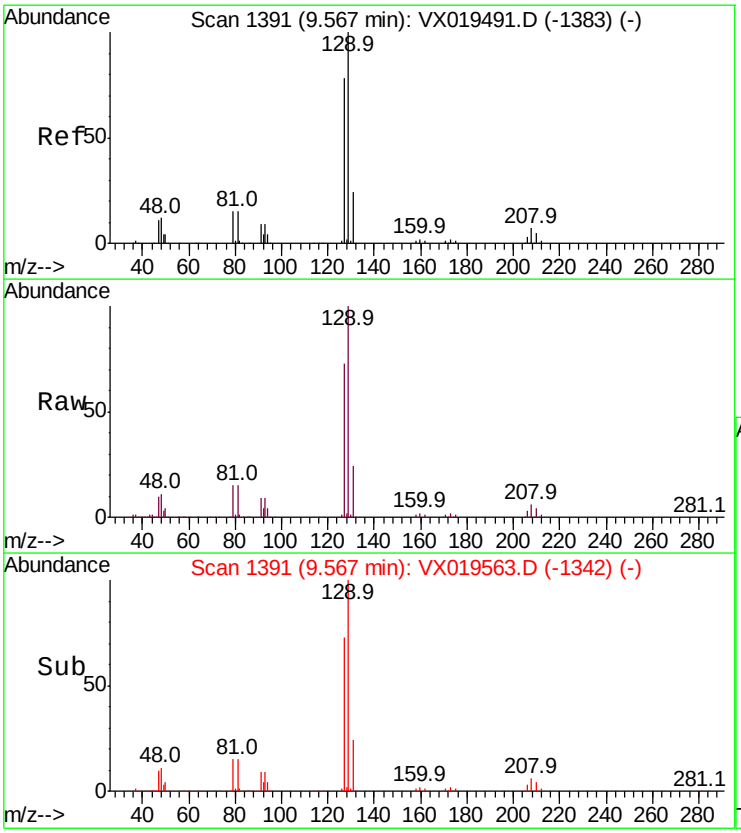

#59
2-Hexanone
Concen: 256.189 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 43 Resp: 780029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 62.4 | 30.6 | 91.6 |



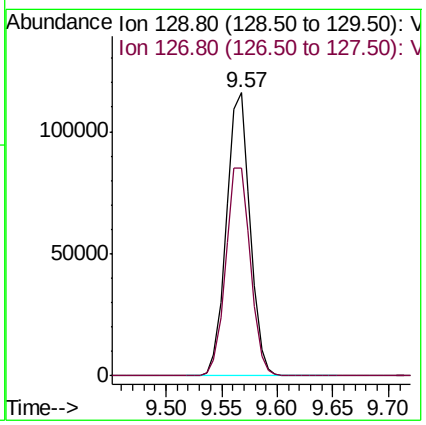

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

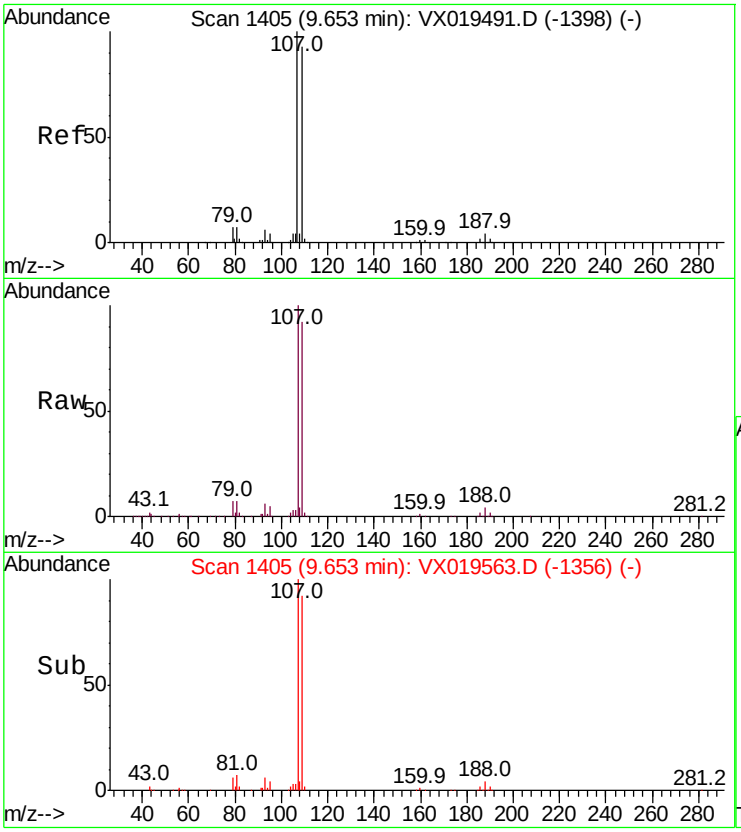



#60
Dibromochloromethane
Concen: 51.818 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:129 Resp: 169495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.9 | 39.0 | 116.9 |



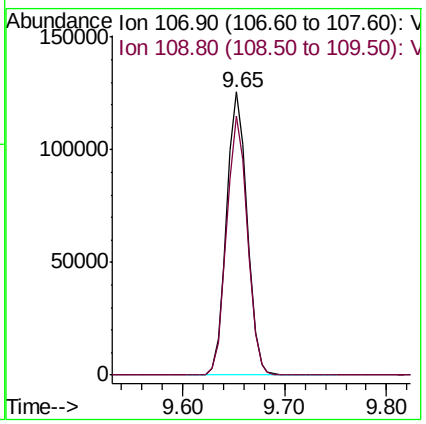


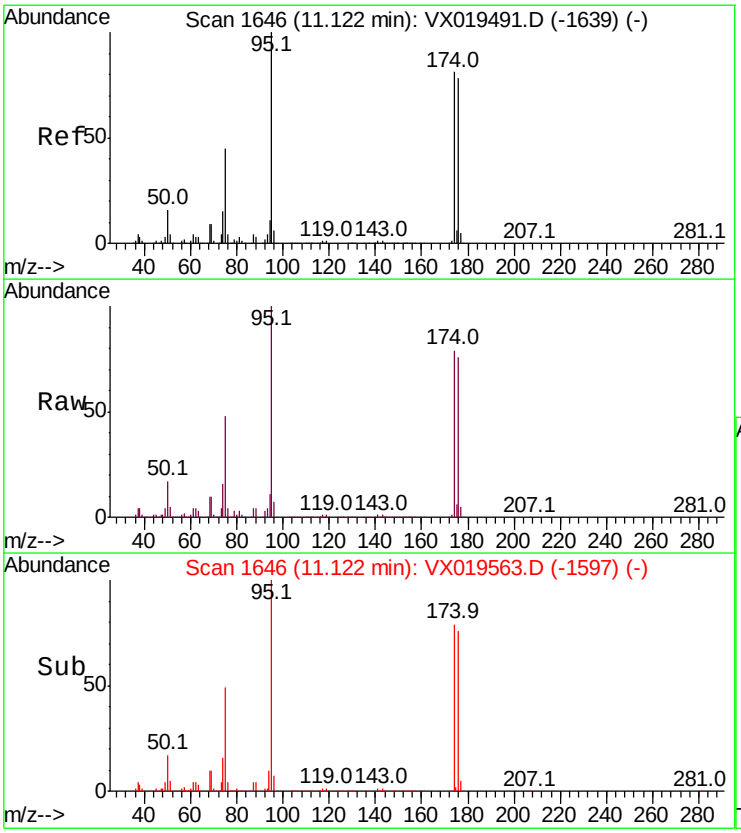

#61
1,2-Dibromoethane
Concen: 50.632 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:107 Resp: 174288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.7 | 74.8 | 112.2 |

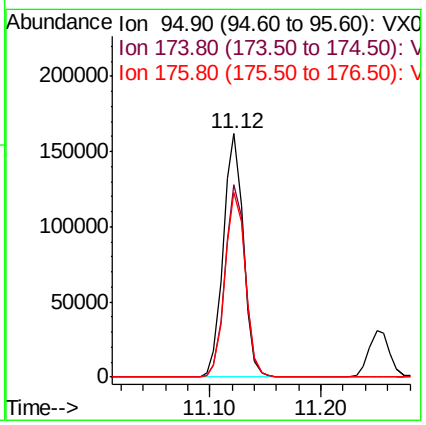


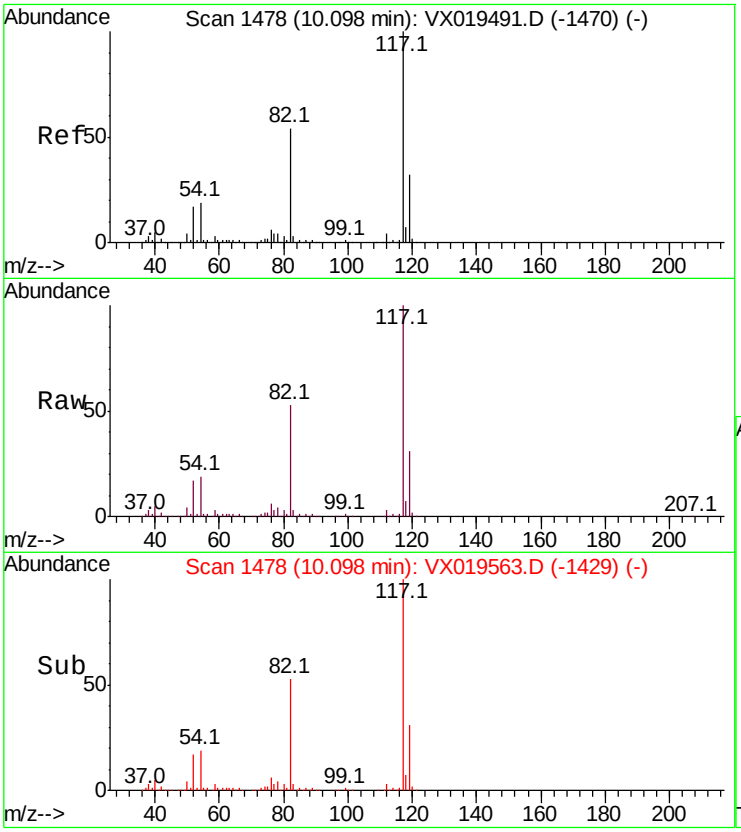




#62
4-Bromofluorobenzene
Concen: 49.379 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 95 Resp: 201646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.0 | 0.0 | 156.2 |
| 176 | 77.2 | 0.0 | 151.4 |



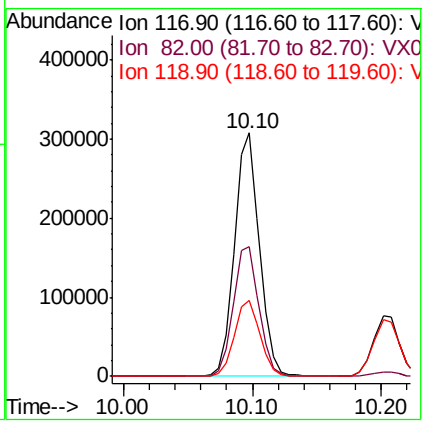


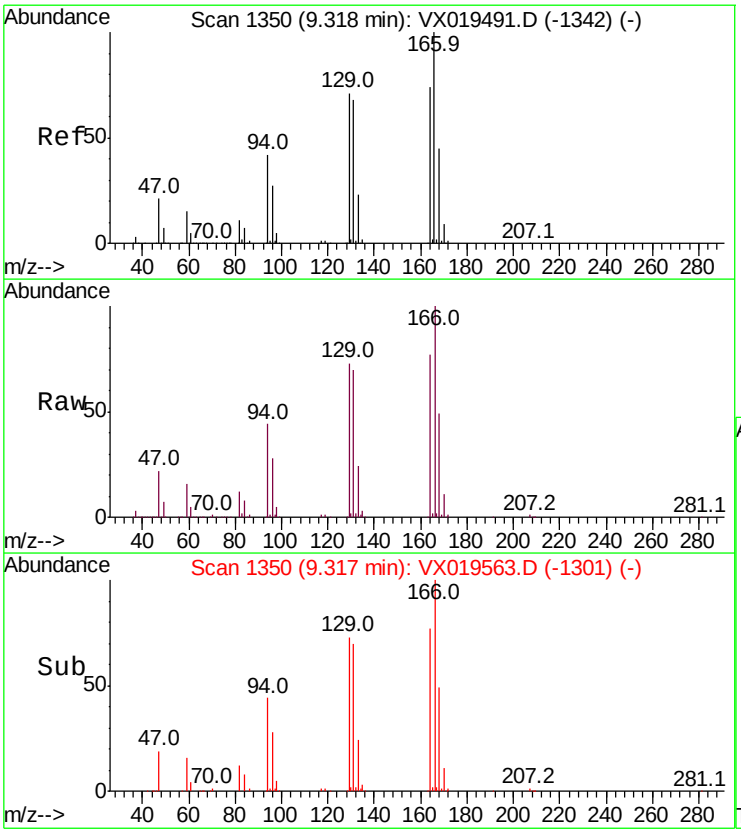

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:117 Resp: 412185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.5 | 43.0 | 64.4 |
| 119 | 31.0 | 25.6 | 38.4 |

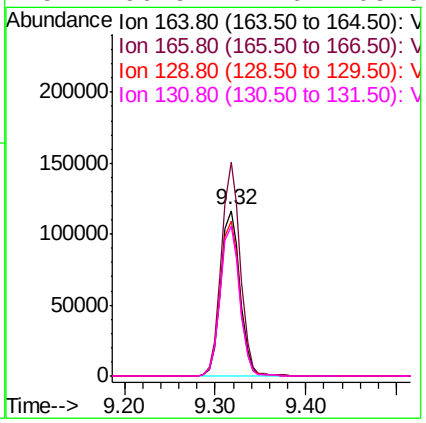


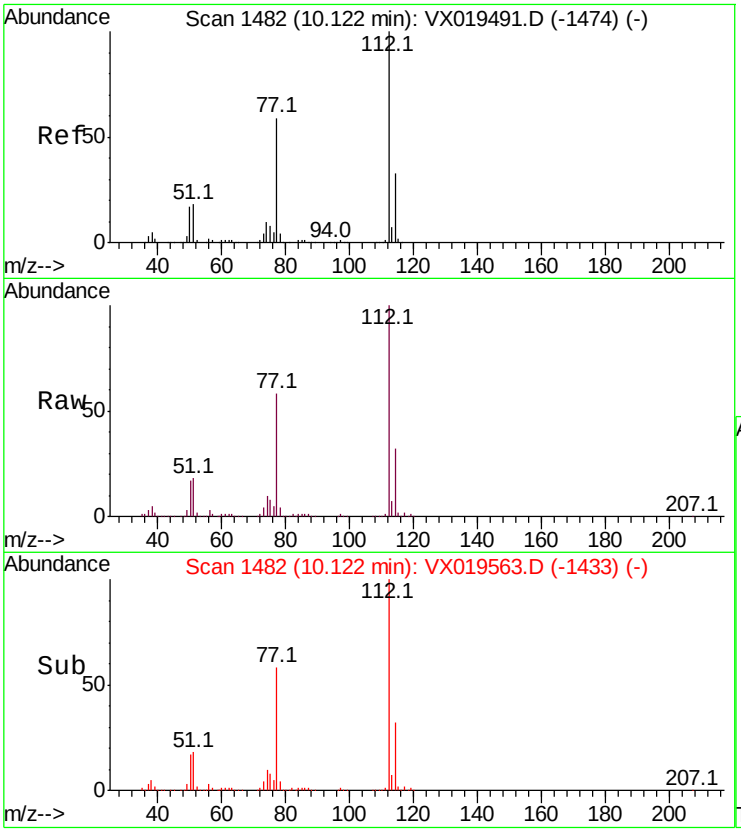




#64
Tetrachloroethene
Concen: 53.509 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:164 Resp: 173367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.3 | 107.4 | 161.0 |
| 129 | 94.1 | 76.6 | 114.8 |
| 131 | 90.5 | 72.6 | 108.8 |



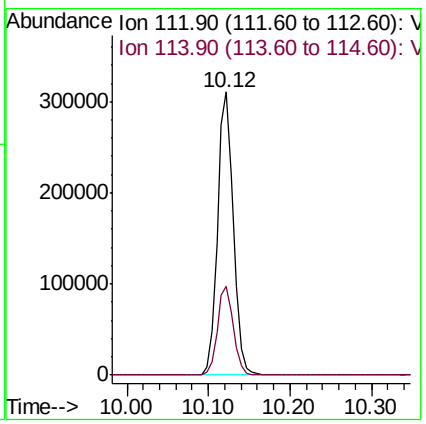


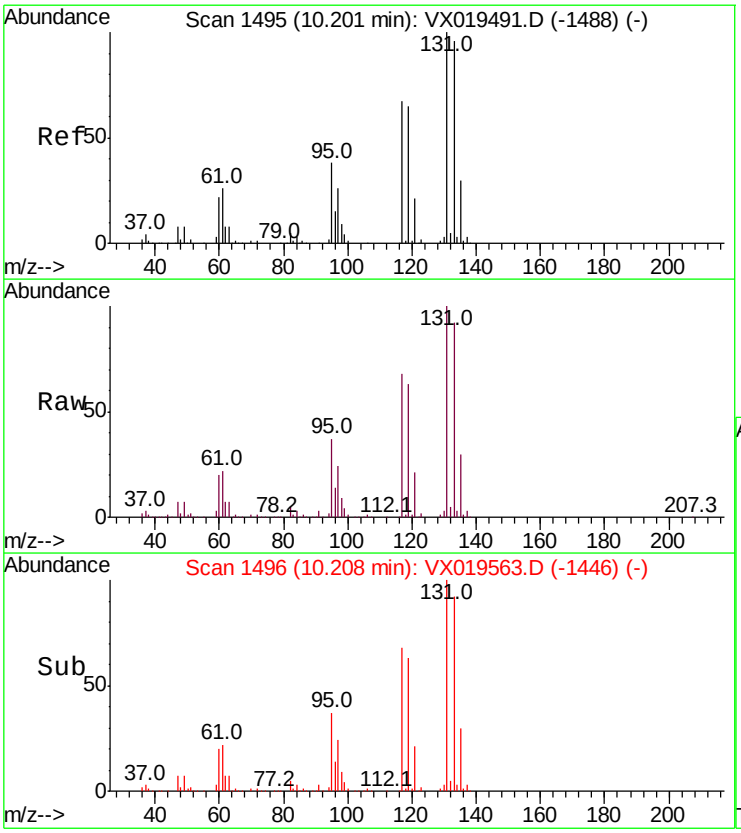

#65
Chlorobenzene
Concen: 49.637 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:112 Resp: 420657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.5 | 26.0 | 39.0 |

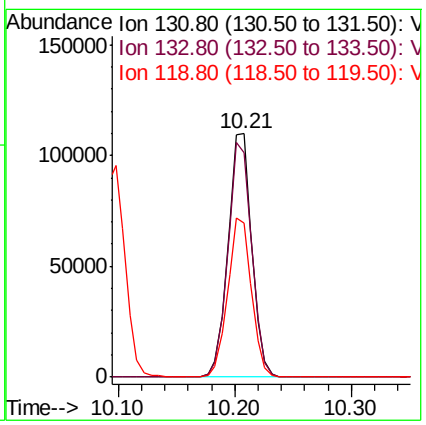


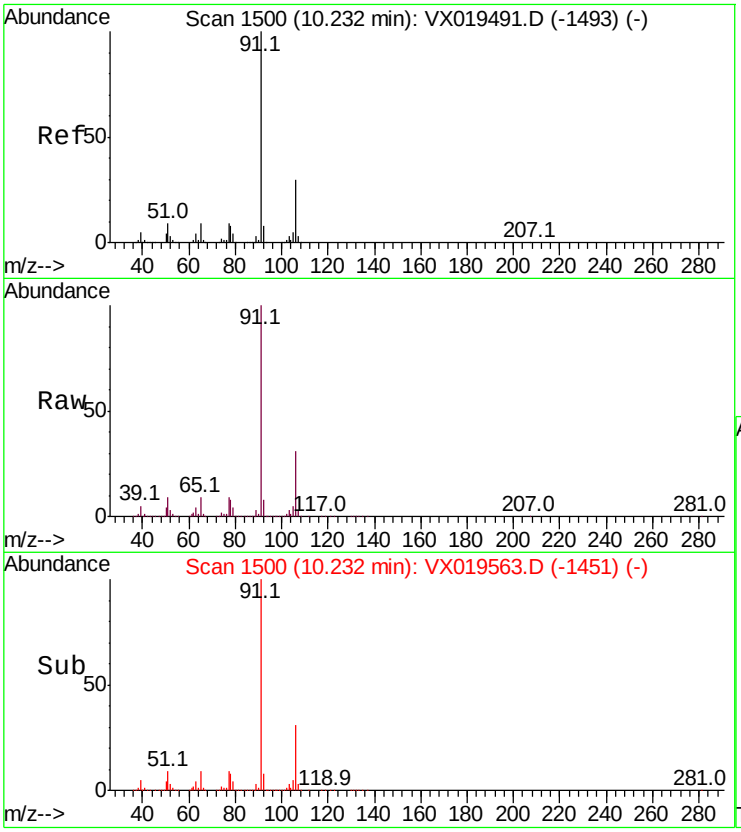




#66
1,1,1,2-Tetrachloroethane
Concen: 50.499 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:131 Resp: 155665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.5 | 48.5 | 145.5 |
| 119 | 65.5 | 33.0 | 99.0 |



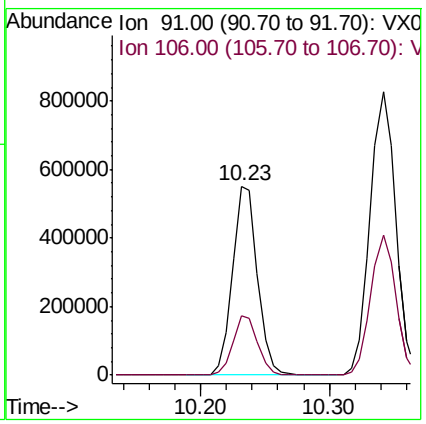


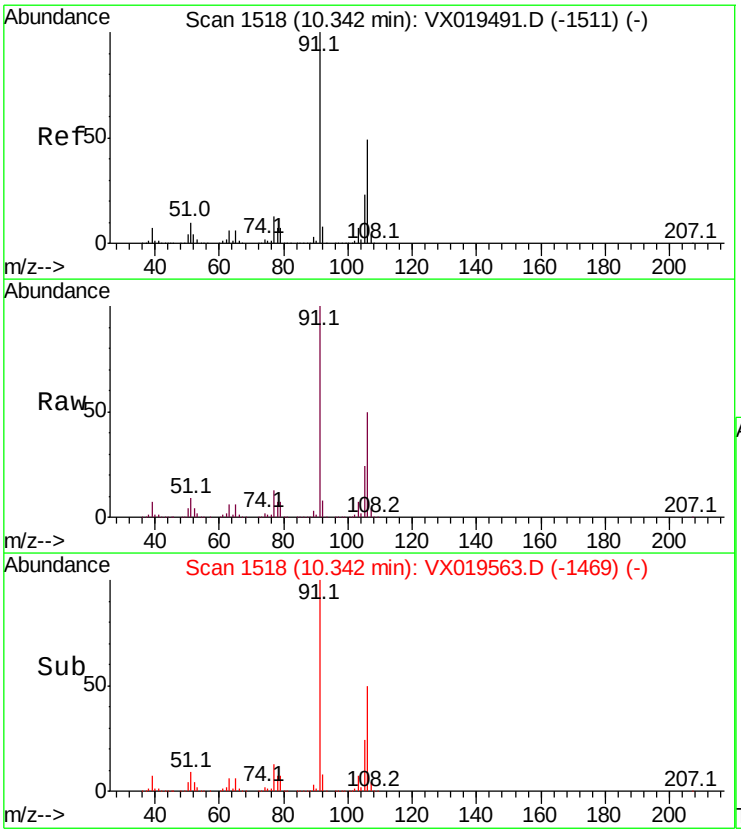

#67
Ethyl Benzene
Concen: 50.159 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 91 Resp: 744672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.2 | 24.0 | 36.0 |

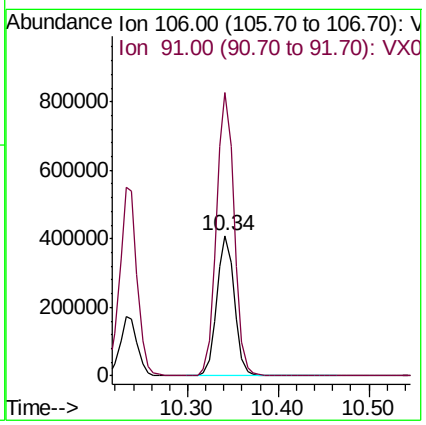


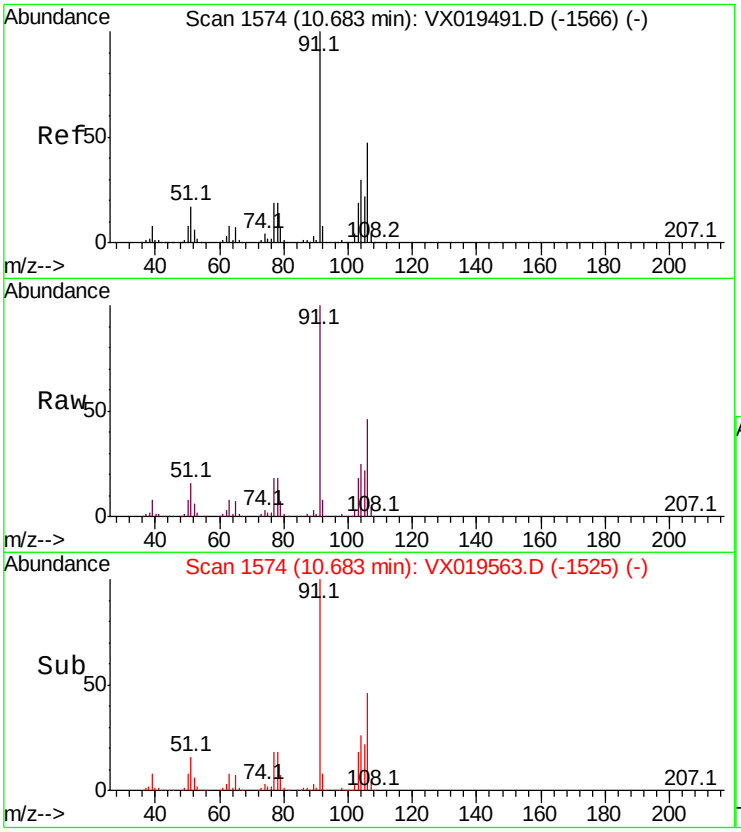




#68
m/p-Xylenes
Concen: 100.313 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:106 Resp: 554846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.6 | 163.3 | 244.9 |



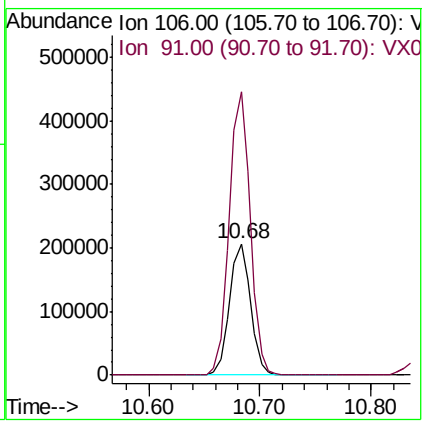


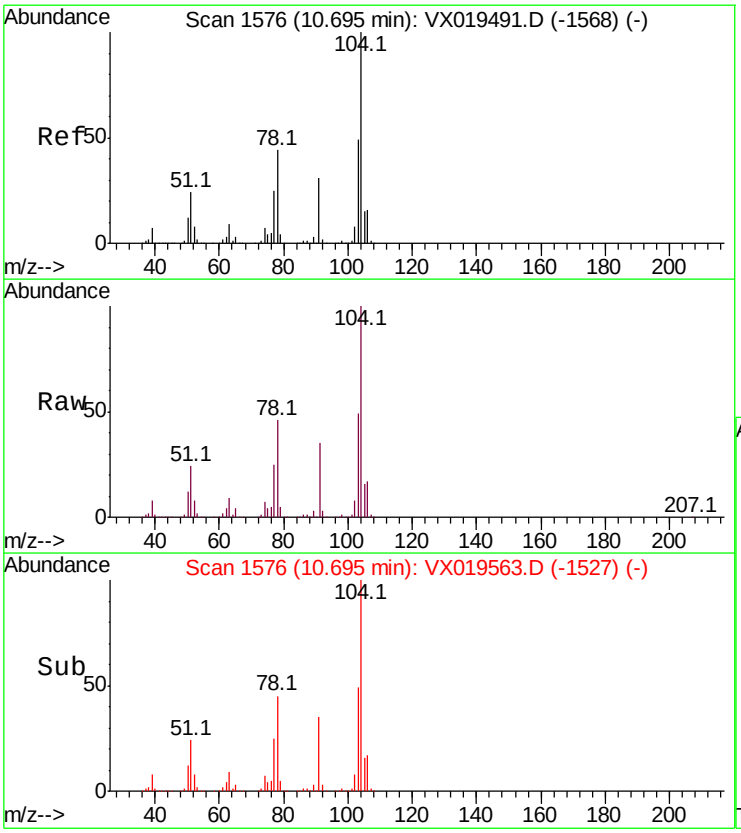

#69
o-Xylene
Concen: 51.154 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:106 Resp: 270469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.5 | 108.0 | 324.0 |

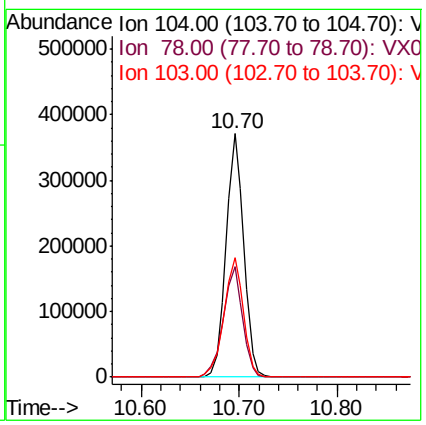


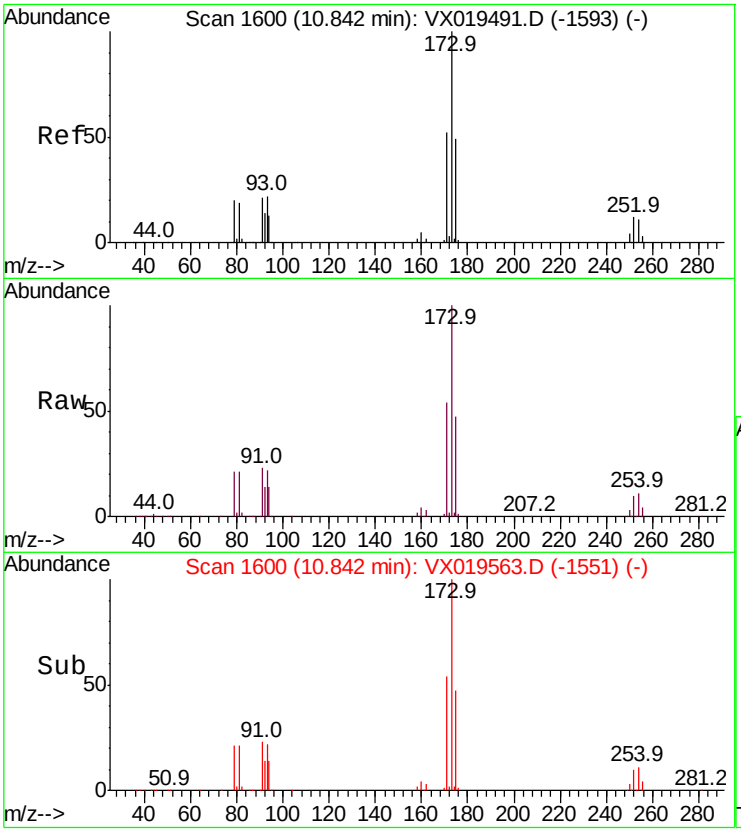




#70
Styrene
Concen: 47.702 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:104 Resp: 466107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.8 | 39.5 | 59.3 |
| 103 | 53.7 | 43.6 | 65.4 |



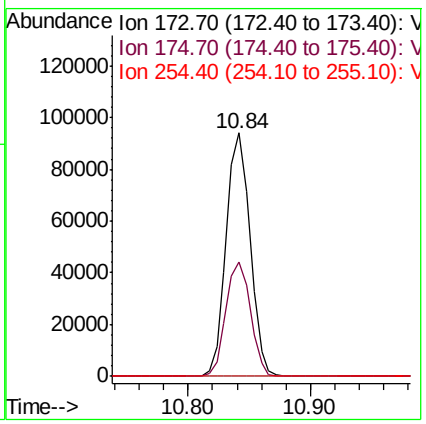


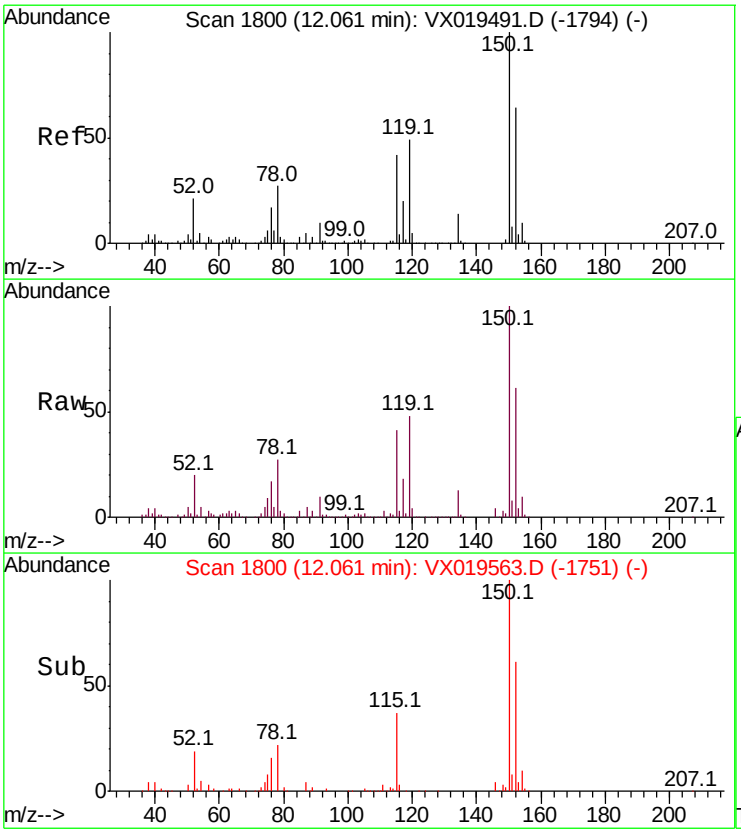

#71
Bromoform
Concen: 48.795 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:173 Resp: 127174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.3 | 24.9 | 74.8 |
| 254 | 0.1 | 0.1 | 0.1 |

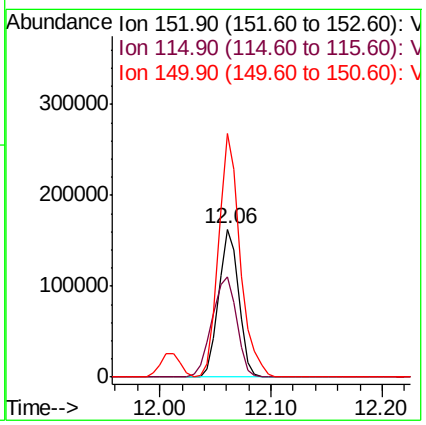


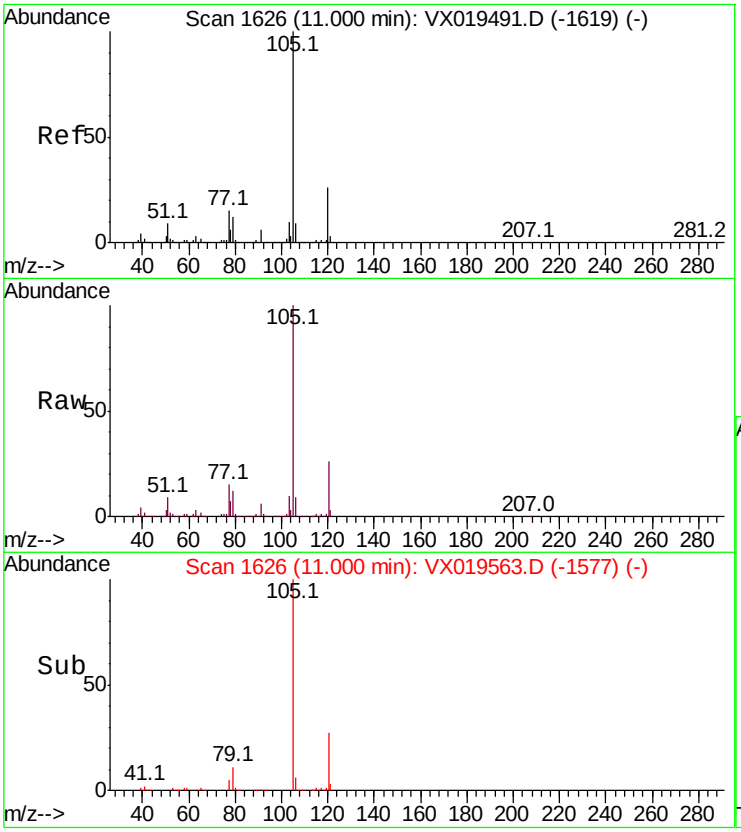




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:152 Resp: 201882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 84.1 | 41.8 | 125.4 |
| 150 | 177.2 | 0.0 | 348.2 |



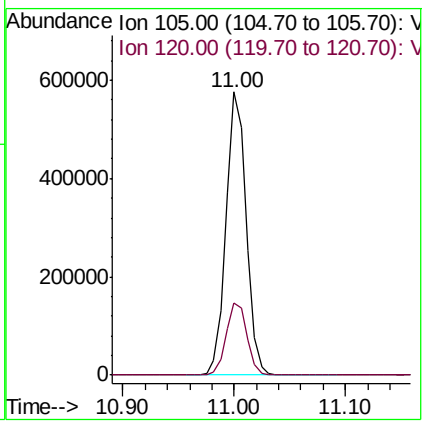


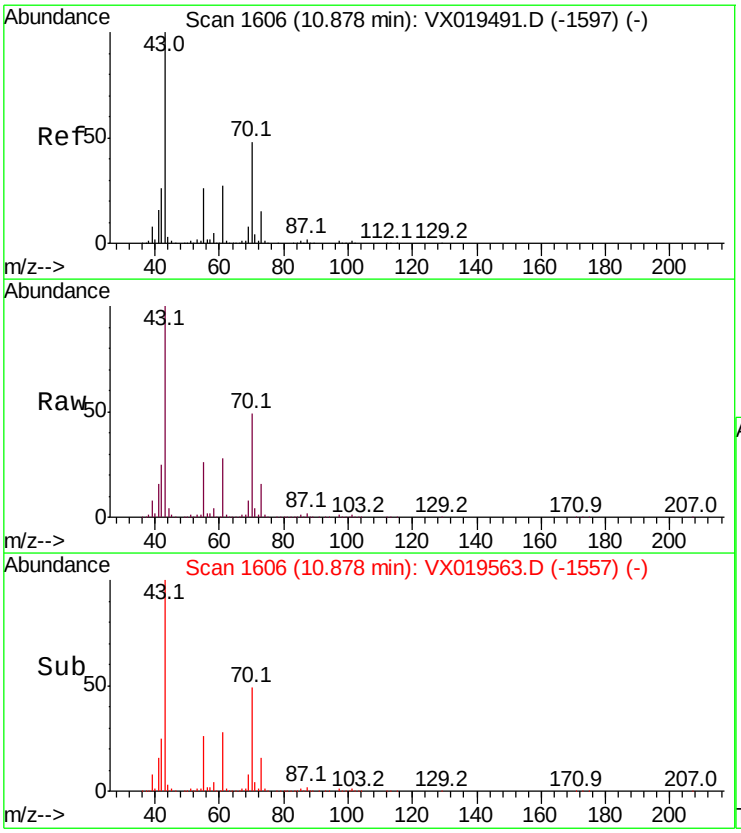

#73
Isopropylbenzene
Concen: 51.550 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:105 Resp: 719938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.4 | 13.0 | 39.0 |

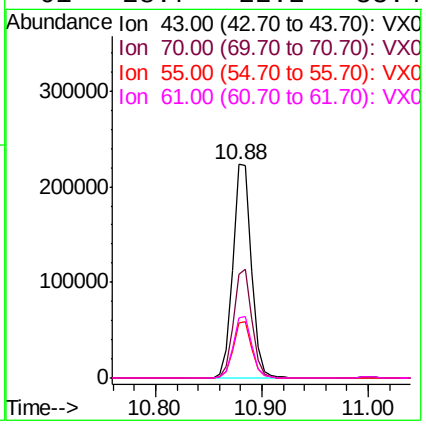


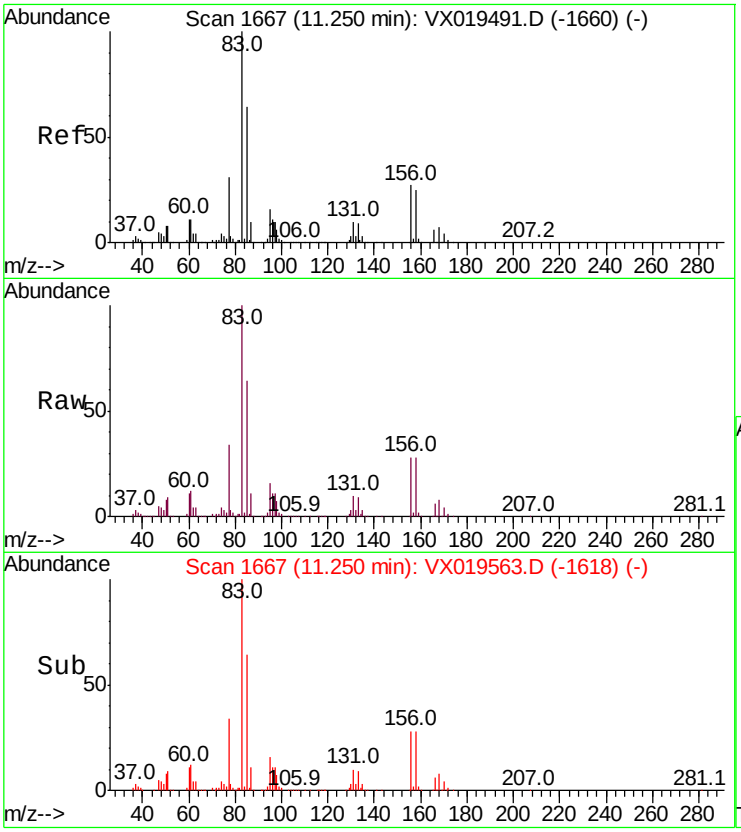




#74
N-amyl acetate
Concen: 52.284 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 43 Resp: 273611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 50.5 | 39.7 | 59.5 |
| 55 | 26.6 | 21.8 | 32.6 |
| 61 | 28.7 | 22.2 | 33.4 |



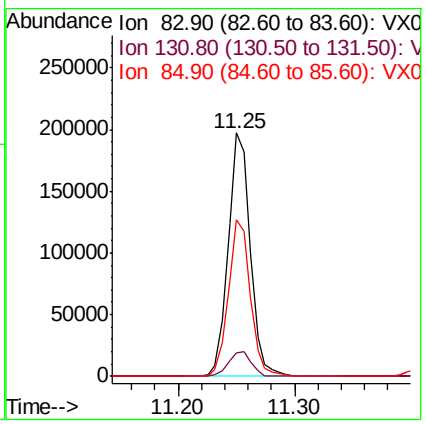


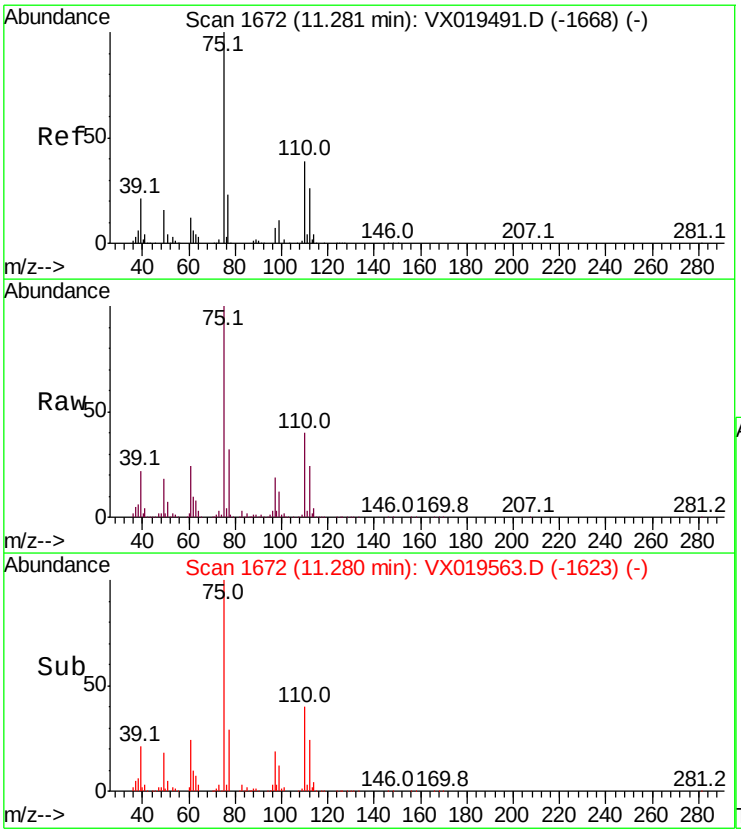

#75
1,1,2,2-Tetrachloroethane
Concen: 52.128 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 83 Resp: 260343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.5 | 5.0 | 15.0 |
| 85 | 64.2 | 32.4 | 97.2 |

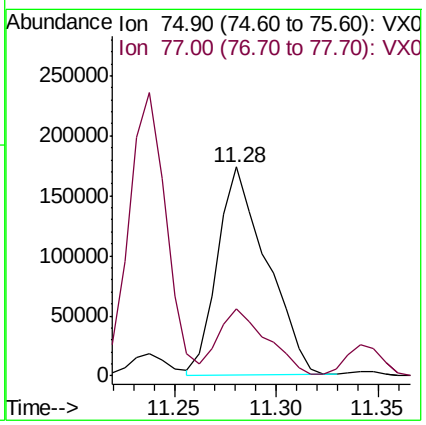


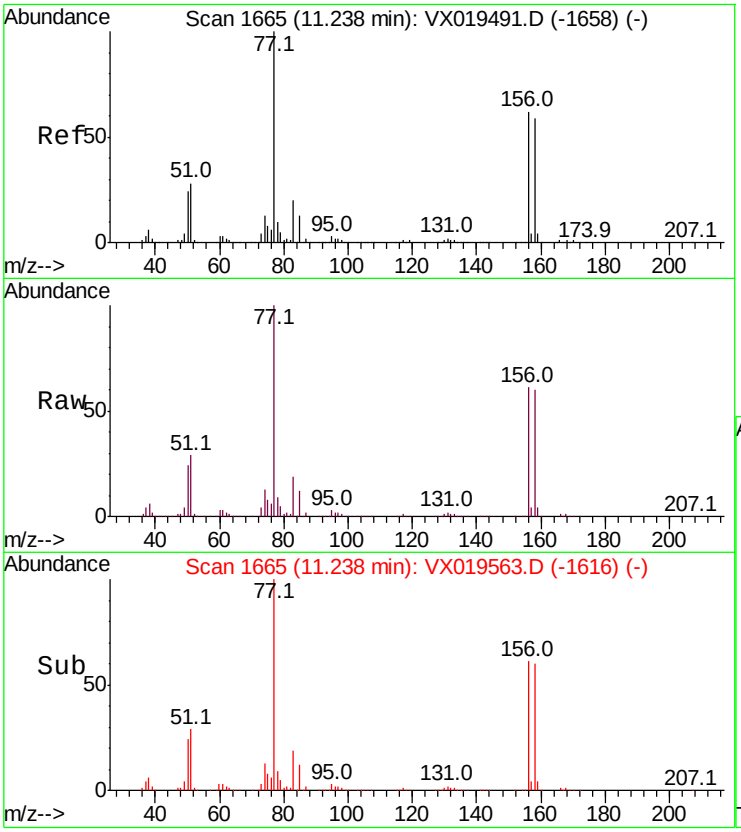




#76
1,2,3-Trichloropropane
Concen: 65.968 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 75 Resp: 290638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 20.0 | 60.0 |



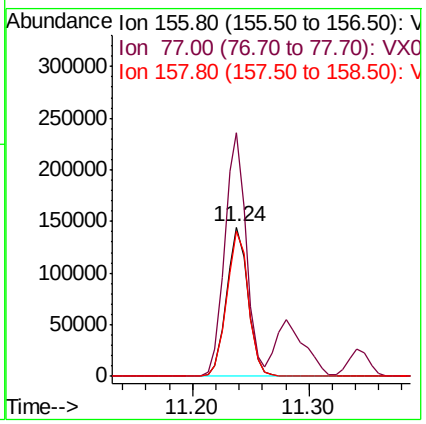


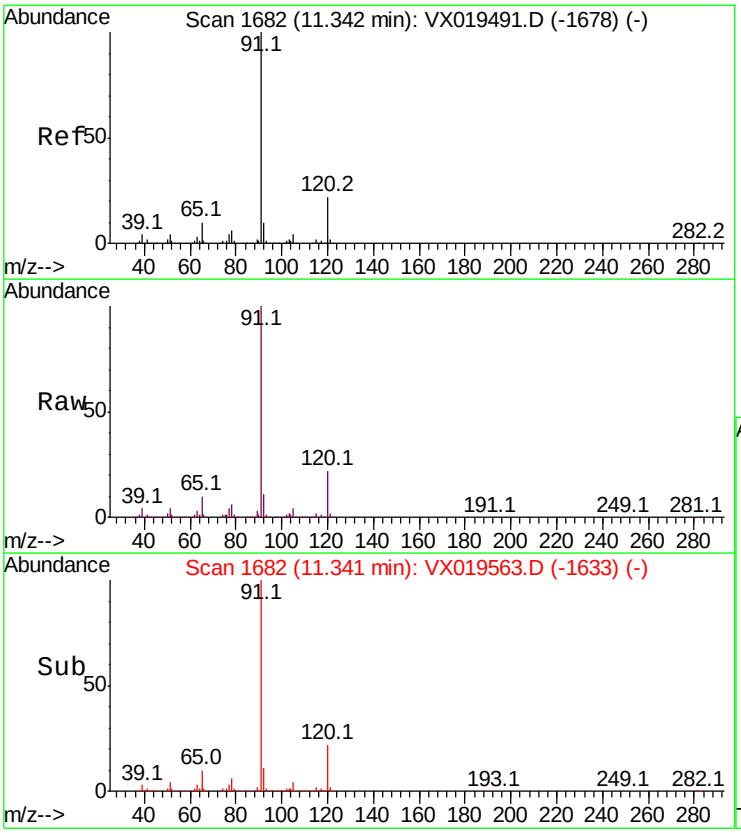

#77
Bromobenzene
Concen: 51.599 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:156 Resp: 183962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 163.3 | 82.5 | 247.3 |
| 158 | 98.2 | 48.9 | 146.7 |

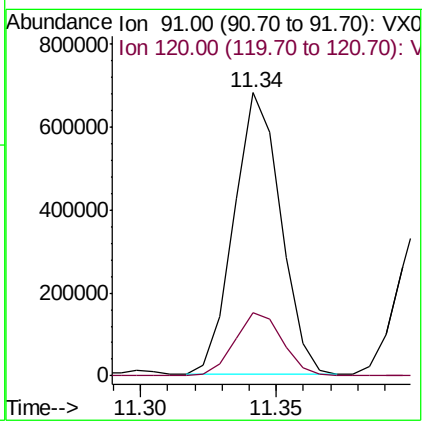


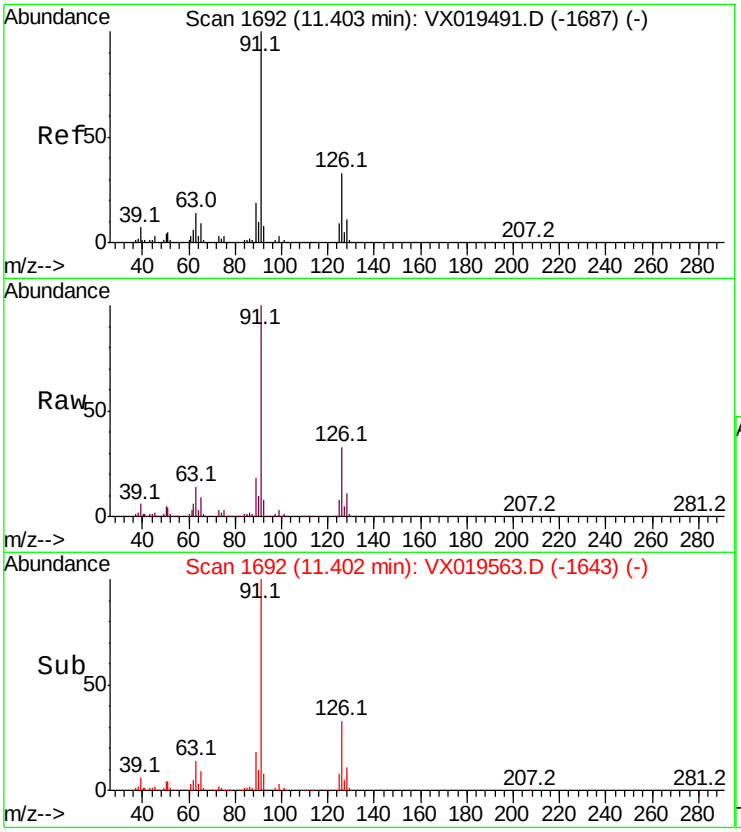




#78
n-propylbenzene
Concen: 50.801 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 91 Resp: 813895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.5 | 34.4 |



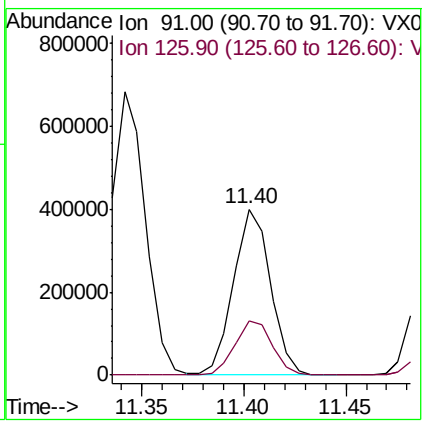


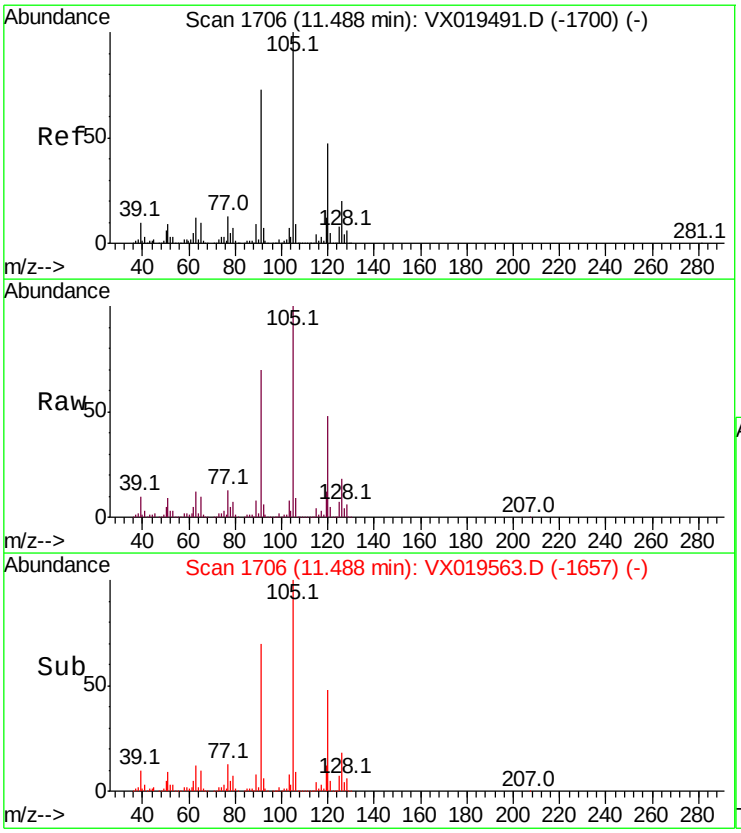

#79
2-Chlorotoluene
Concen: 51.440 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 91 Resp: 499808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 16.7 | 50.0 |

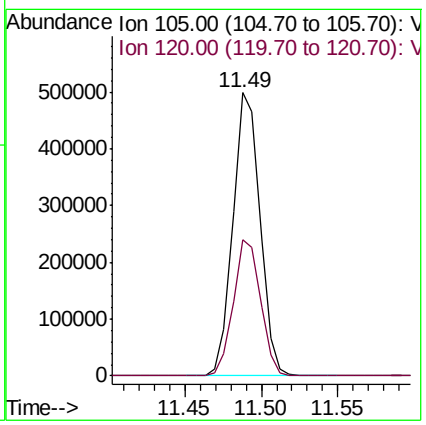


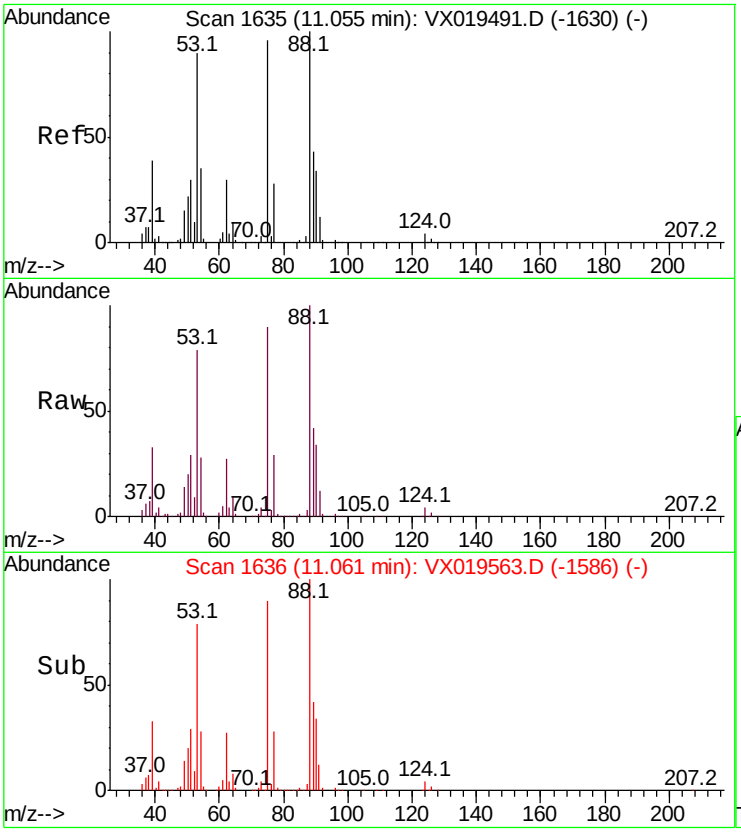




#80
1,3,5-Trimethylbenzene
Concen: 51.973 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:105 Resp: 608891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.4 | 24.1 | 72.3 |



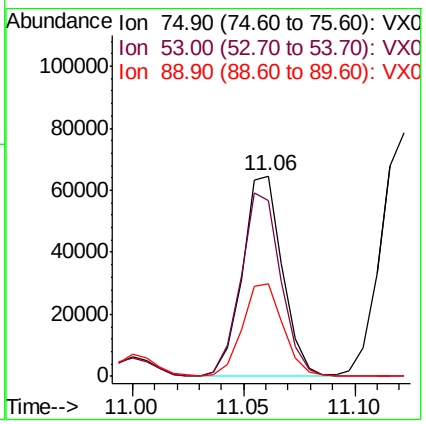


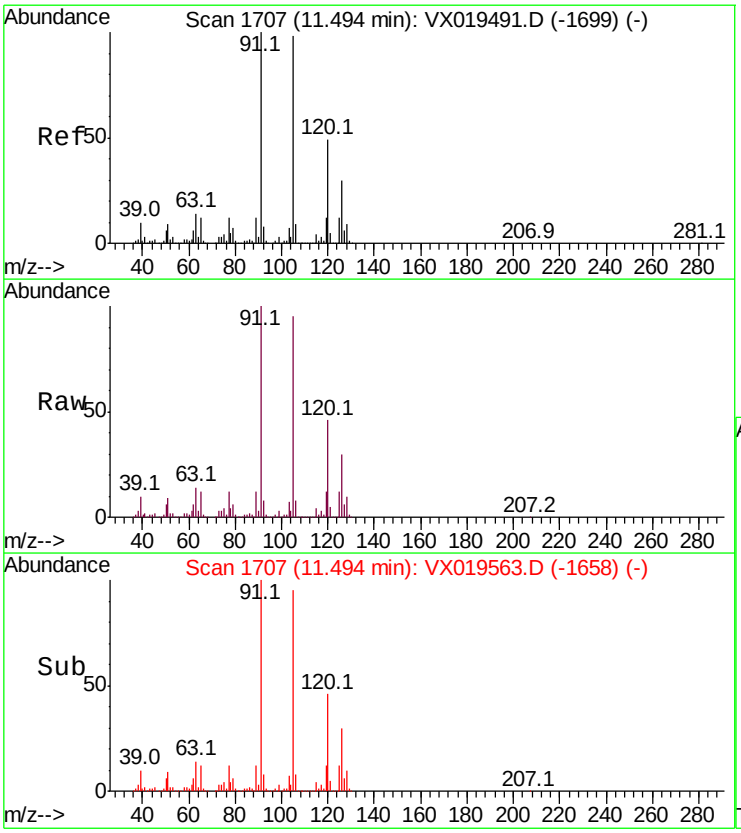

#81
trans-1,4-Dichloro-2-butene
Concen: 49.359 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 75 Resp: 80417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 92.6 | 73.9 | 110.9 |
| 89 | 47.5 | 37.3 | 55.9 |

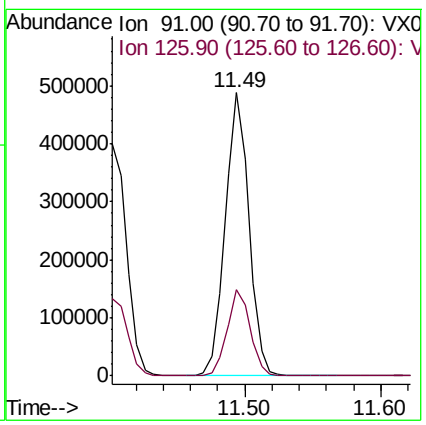


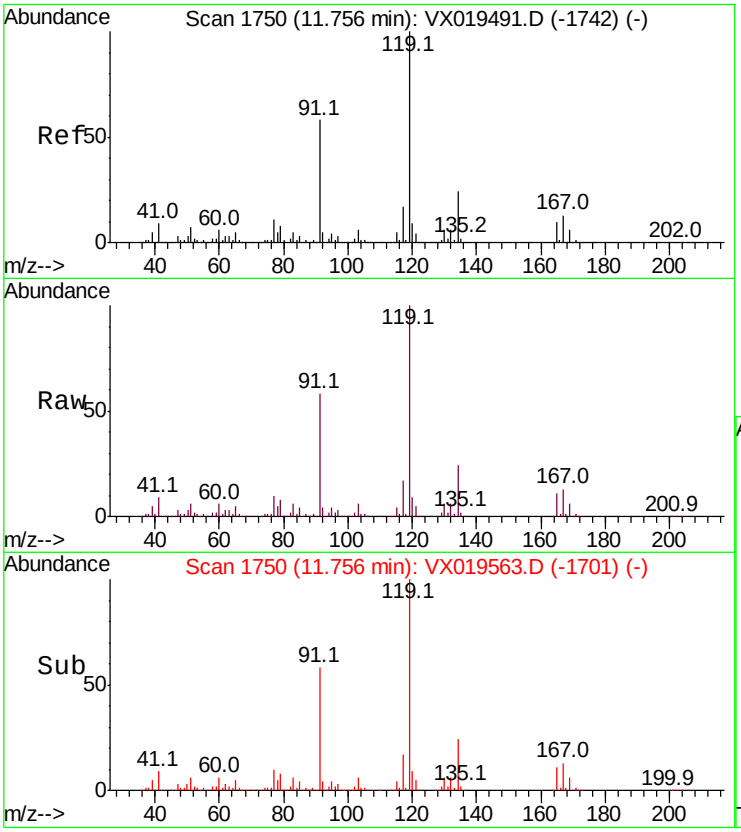




#82
4-Chlorotoluene
Concen: 51.361 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 91 Resp: 587475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.8 | 14.9 | 44.7 |



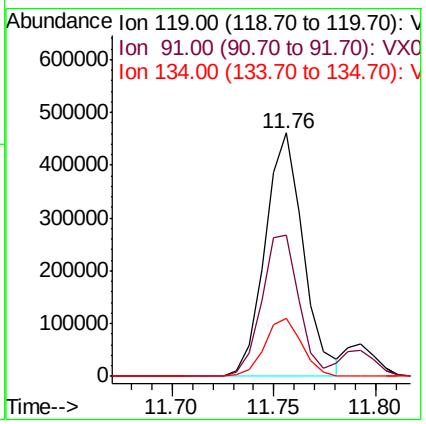


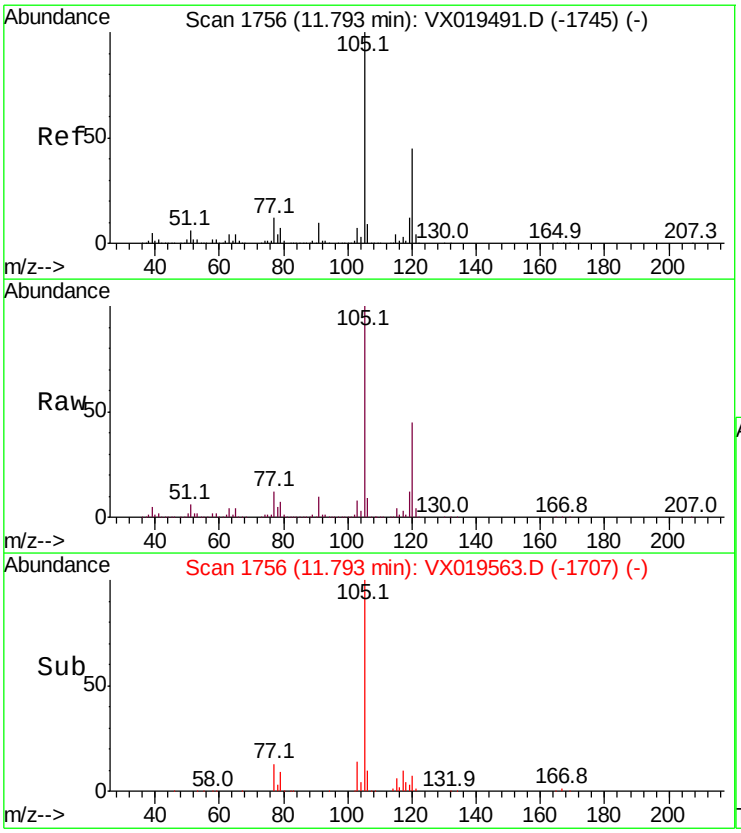

#83
tert-Butylbenzene
Concen: 53.052 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:119 Resp: 601308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 56.7 | 28.9 | 86.8 |
| 134 | 23.2 | 11.7 | 35.0 |

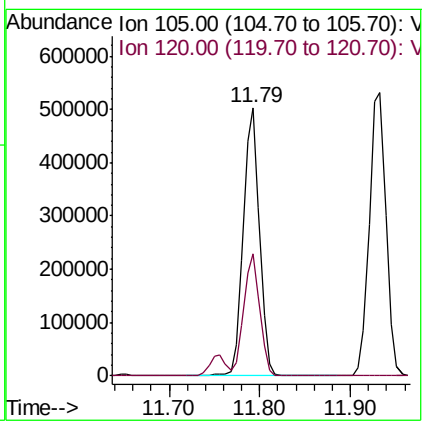


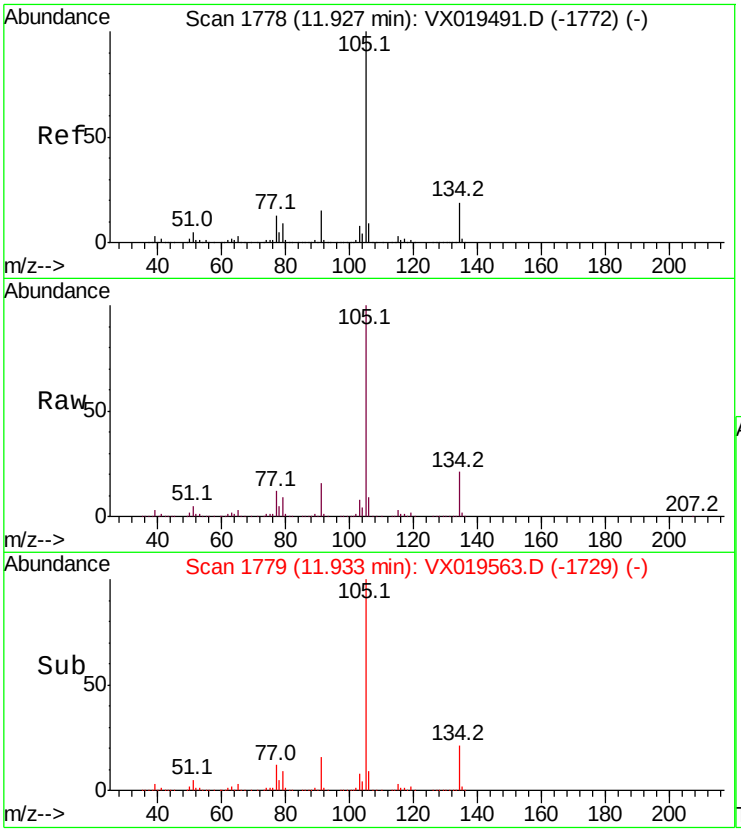




#84
1,2,4-Trimethylbenzene
Concen: 52.368 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:105 Resp: 620764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.9 | 22.2 | 66.6 |



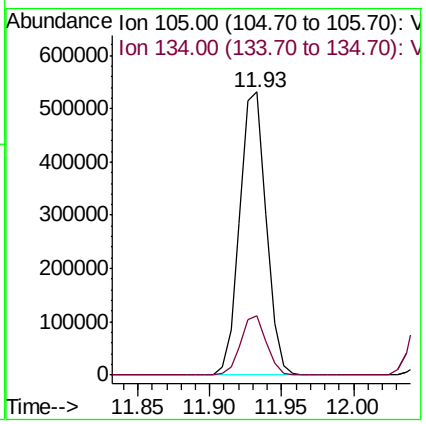


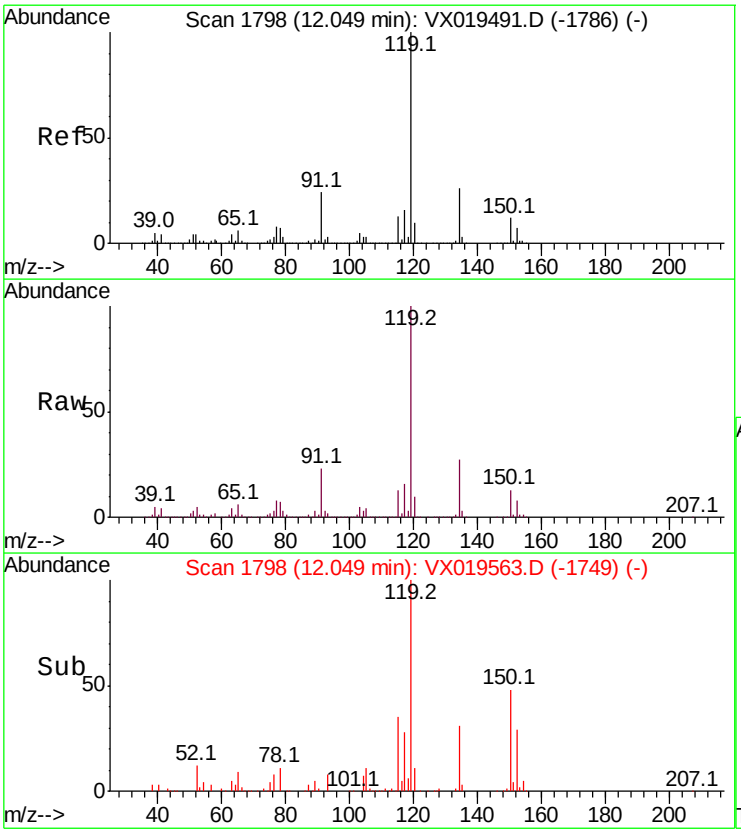

#85
sec-Butylbenzene
Concen: 50.262 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :** MSVOA_X
**ClientSampleId :** 56BR-20201118MSD

Tgt Ion:105 Resp: 677735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 10.1 | 30.3 |

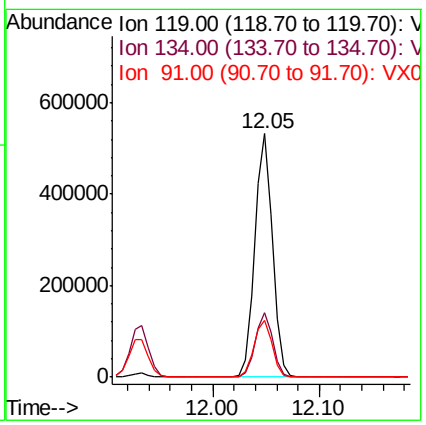


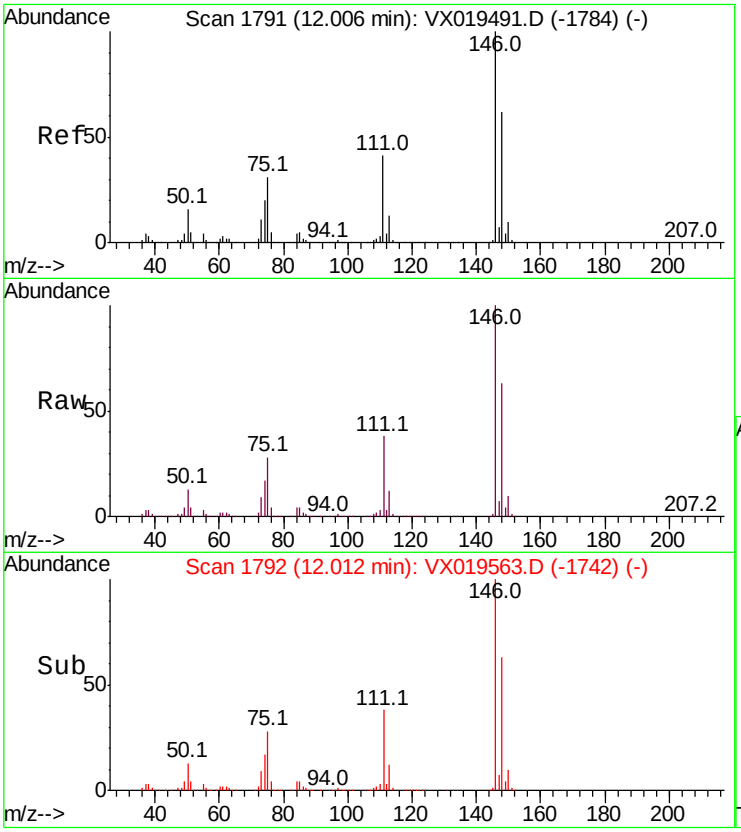




#86
p-Isopropyltoluene
Concen: 50.692 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:119 Resp: 620593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.3 | 13.1 | 39.3 |
| 91 | 23.7 | 11.8 | 35.4 |



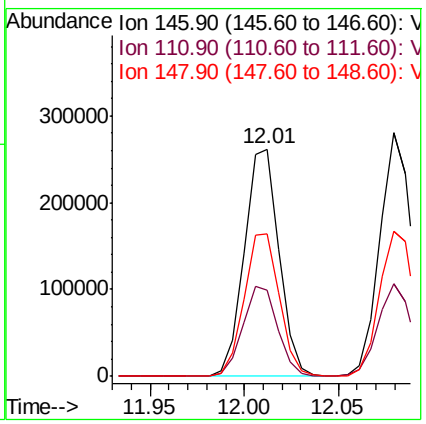


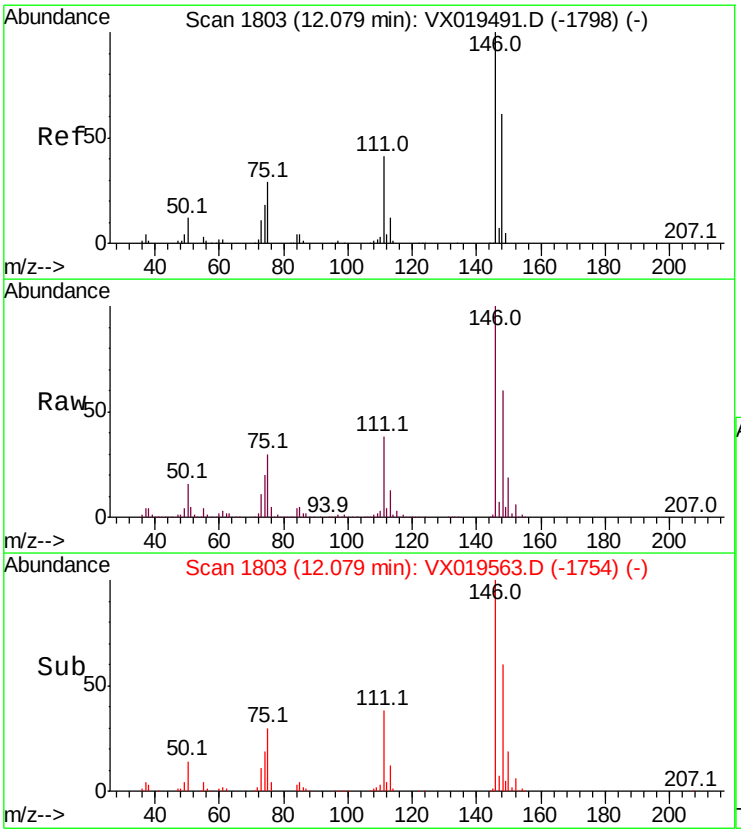

#87
1,3-Dichlorobenzene
Concen: 51.031 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:146 Resp: 334128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.9 | 20.2 | 60.6 |
| 148 | 63.6 | 31.4 | 94.2 |

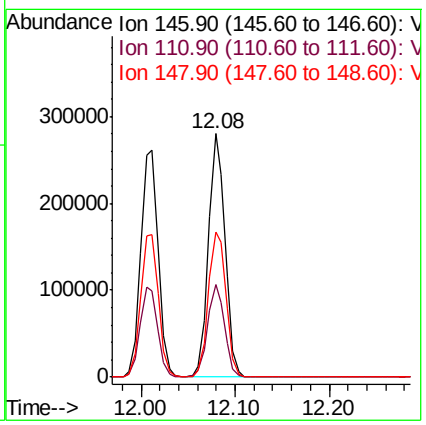


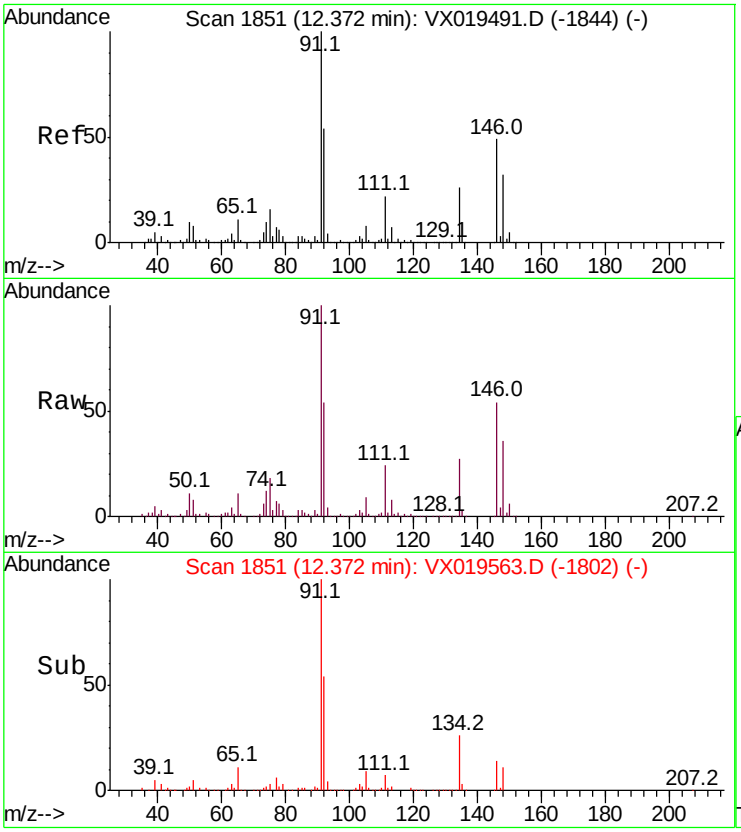




#88
1,4-Dichlorobenzene
Concen: 50.472 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:146 Resp: 340402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.9 | 19.9 | 59.6 |
| 148 | 63.3 | 31.7 | 95.1 |



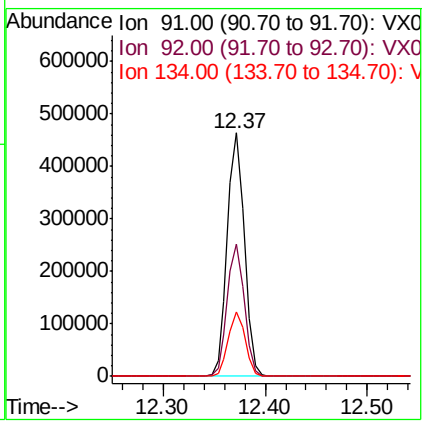


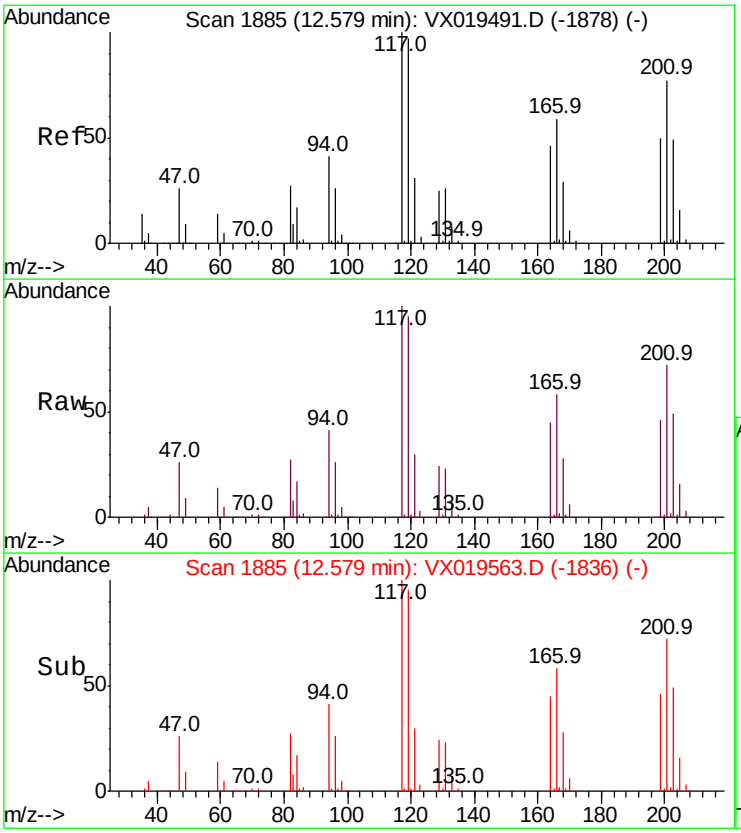

#89
n-Butylbenzene
Concen: 48.481 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion: 91 Resp: 536569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 26.9 | 80.6 |
| 134 | 26.4 | 12.9 | 38.6 |

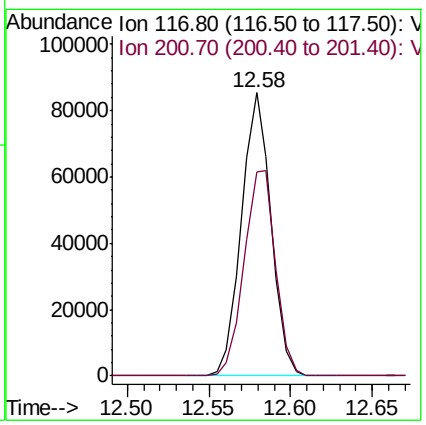


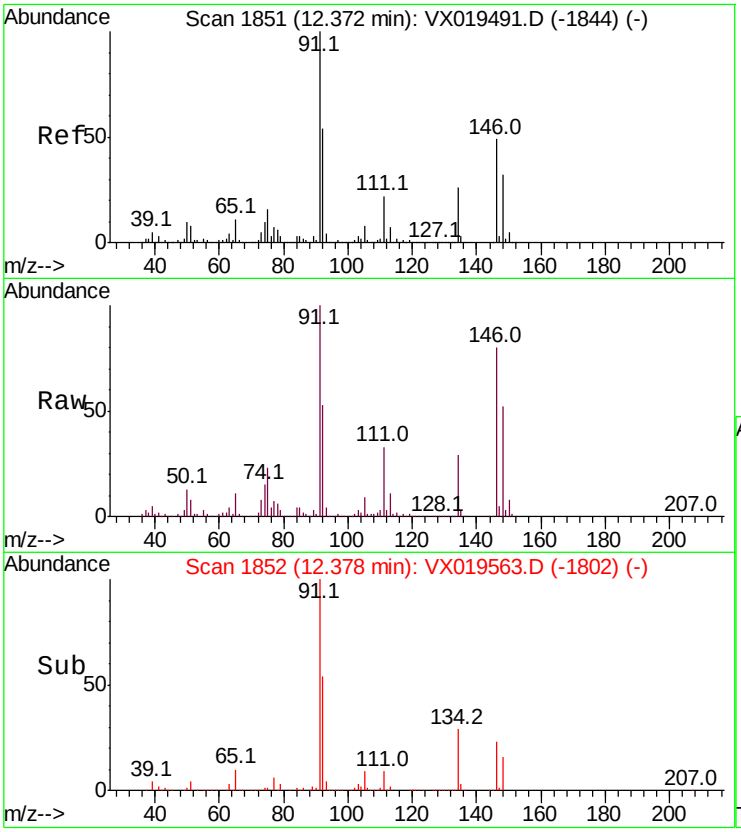




#90
Hexachloroethane
Concen: 52.513 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:117 Resp: 107575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 77.4 | 39.4 | 118.2 |



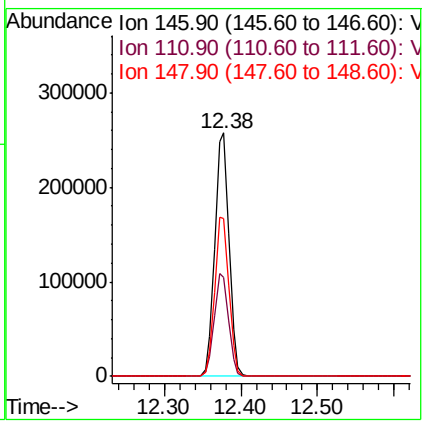


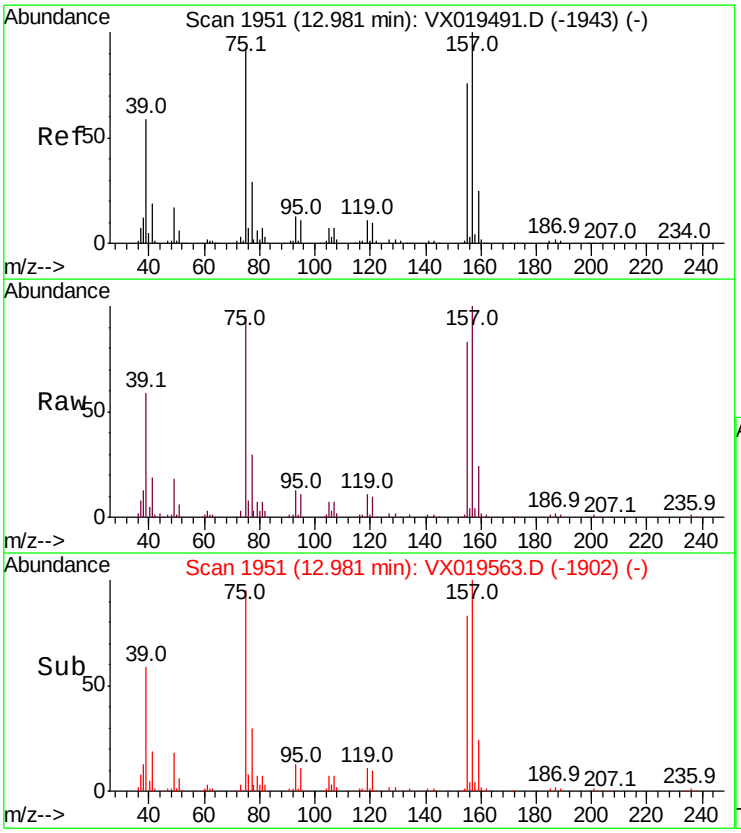

#91
1,2-Dichlorobenzene
Concen: 50.498 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:146 Resp: 332080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 21.1 | 63.3 |
| 148 | 65.3 | 32.4 | 97.0 |

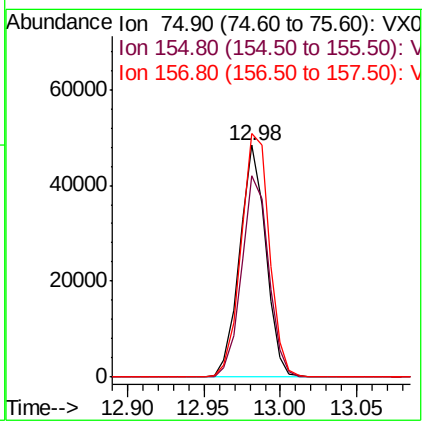


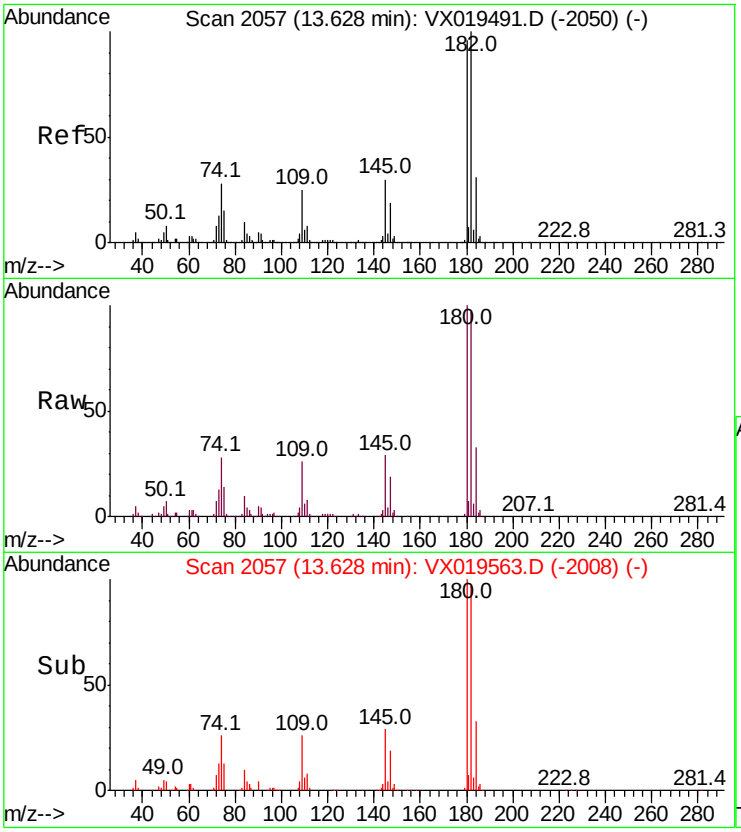




#92
1,2-Dibromo-3-Chloropropane
Concen: 56.200 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion: 75 Resp: 57261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 89.5 | 43.6 | 130.9 |
| 157 | 112.9 | 57.0 | 170.8 |



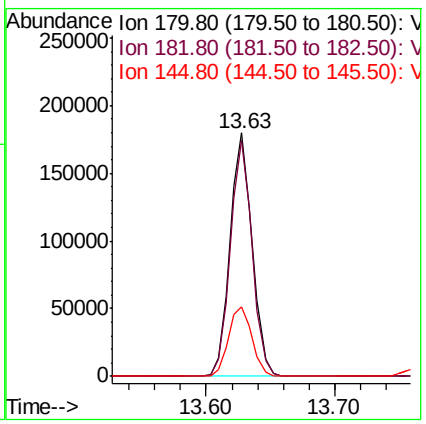


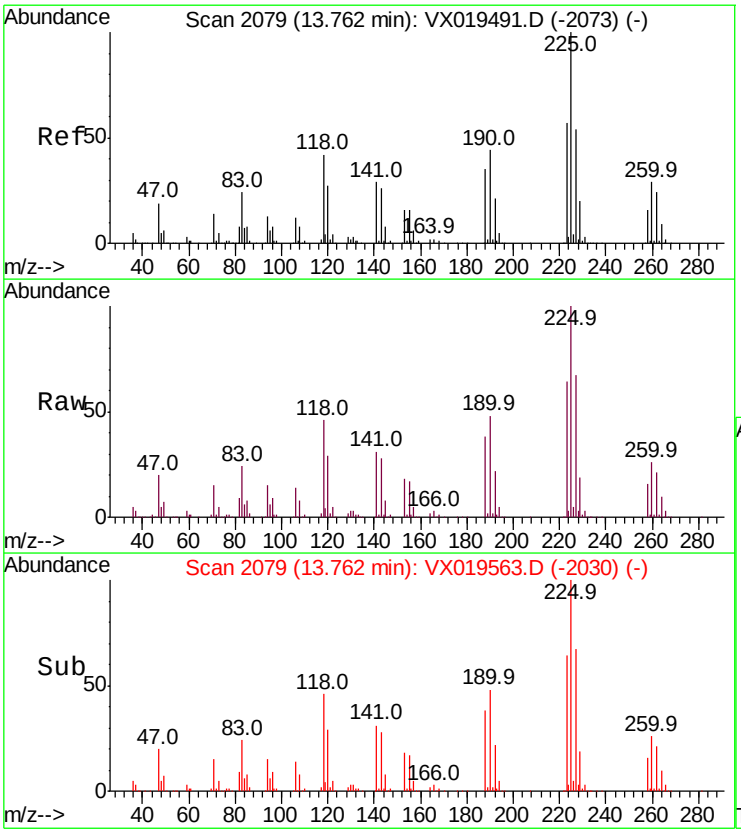

#93
1,2,4-Trichlorobenzene
Concen: 51.314 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:180 Resp: 216645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 48.6 | 145.9 |
| 145 | 30.2 | 15.9 | 47.7 |

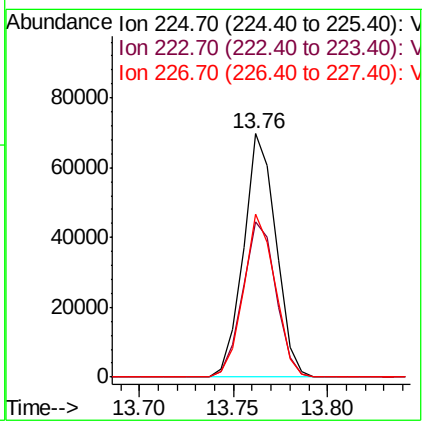


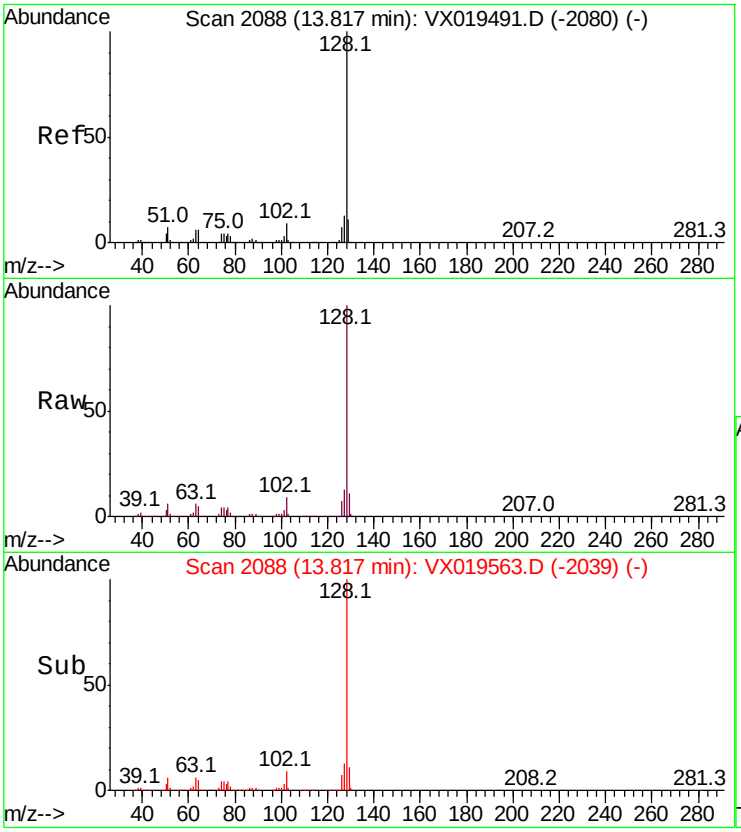




#94
Hexachlorobutadiene
Concen: 43.355 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:225 Resp: 83384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.0 | 32.5 | 97.5 |
| 227 | 65.3 | 32.8 | 98.3 |



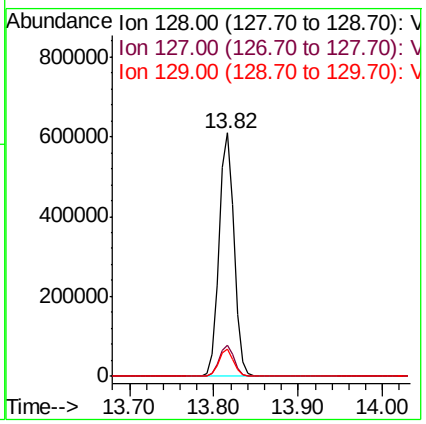


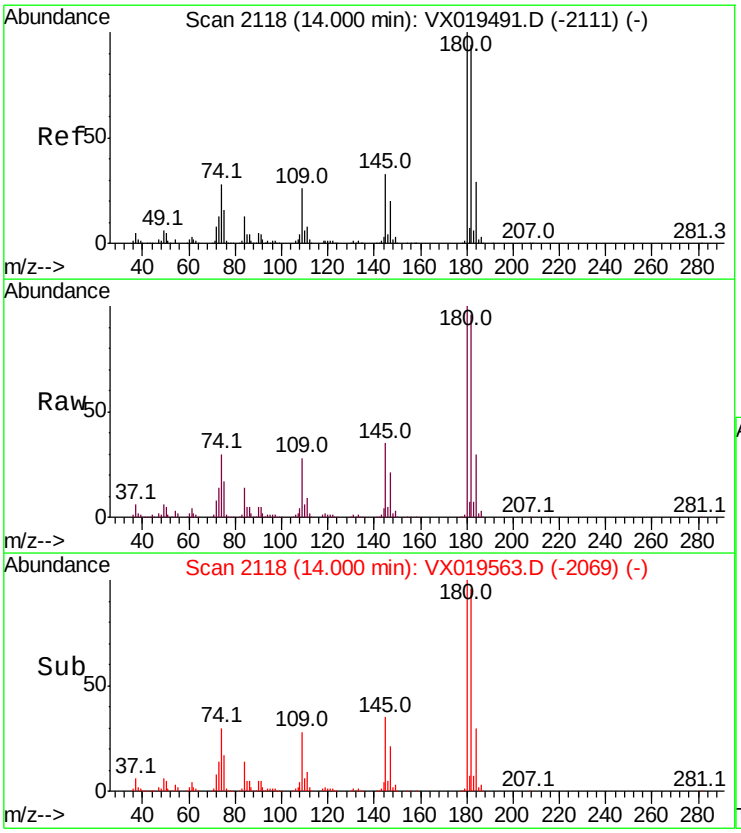

#95
Naphthalene
Concen: 50.560 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

**Instrument :**
MSVOA_X
**ClientSampleId :**
56BR-20201118MSD

Tgt Ion:128 Resp: 753266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.3 | 15.5 |
| 129 | 10.8 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 50.996 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019563.D
Acq: 23 Nov 2020 20:09

Tgt Ion:180 Resp: 215359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 48.1 | 144.3 |
| 145 | 32.4 | 16.6 | 49.8 |